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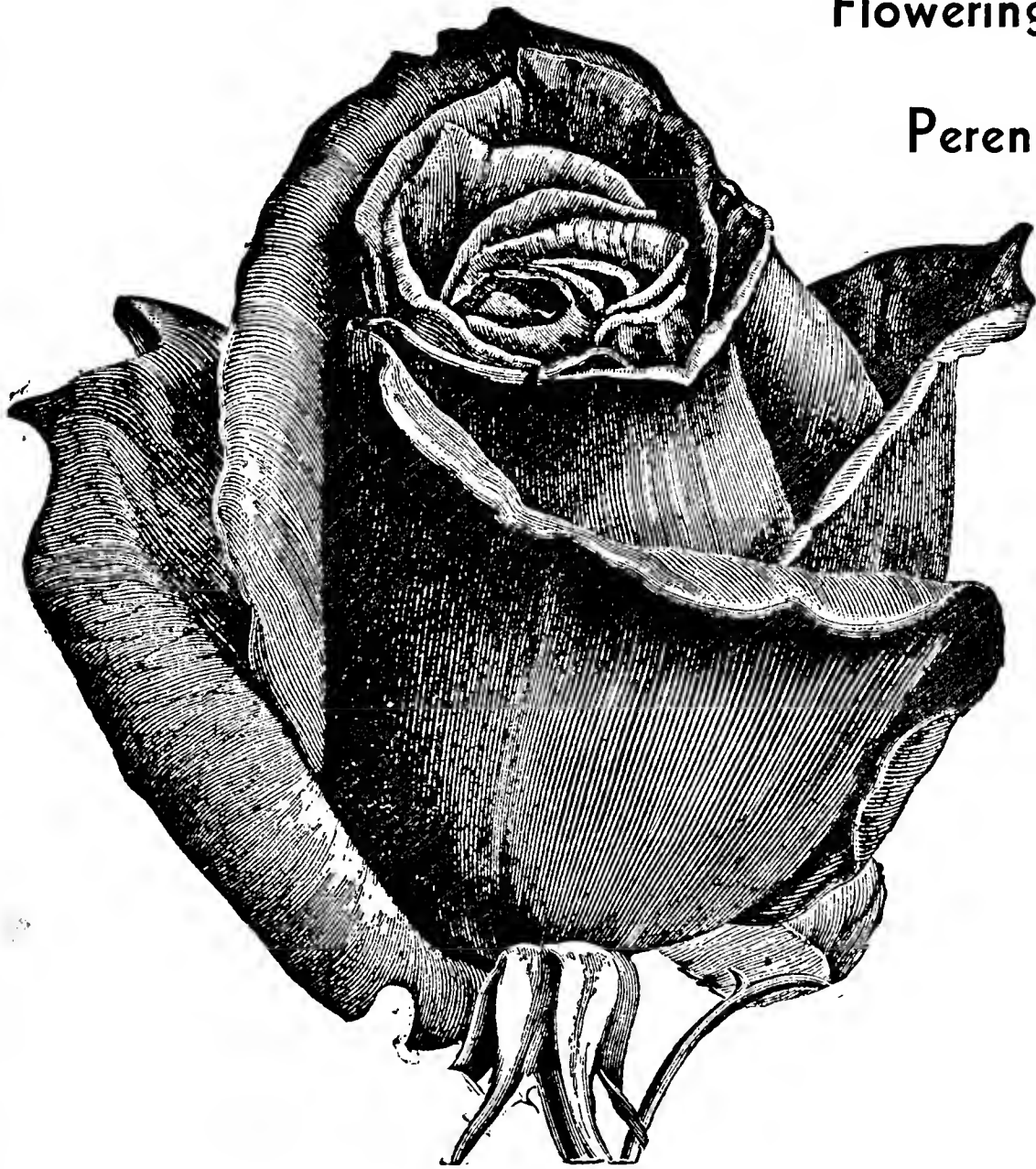
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INDEXED

BUTZER'S

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U.S. Department of Agriculture

Autumn 1933 Catalog



Flowering Bulbs and Roots

Perennial Flower Seeds

Grass Seed

Rose Bushes

Fruit Trees

Grapes

Nut Trees

Shrubs

Peat

Fertilizers

Insecticides

Garden Tools

Garden Books

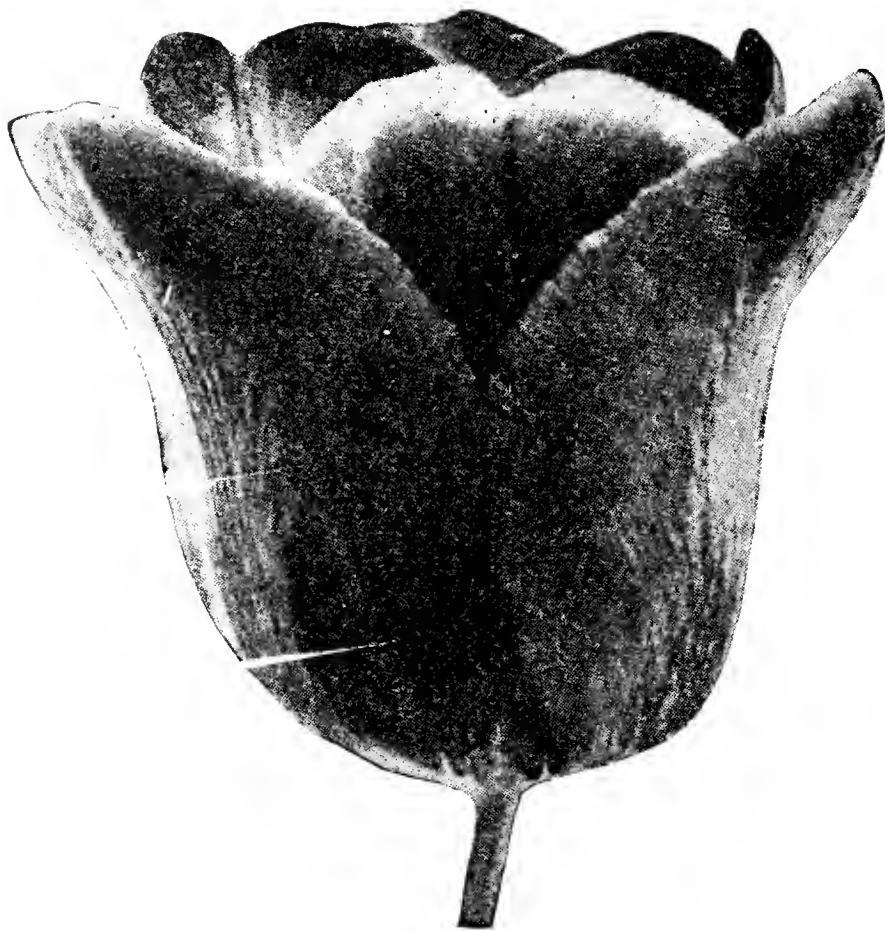
Send for booklet on books as space will not permit listing

This catalog is sent to you as a reminder of the beautiful varieties of BULBS, ROSES, SHRUBS and TREES as well as a very complete list of perennial SEEDS that can be planted in the fall, that will give you a beautiful garden.



J. J. BUTZER

818 S.W. First Avenue, Portland, Oregon



DARWIN TULIPS

We strongly recommend this class of Tulips for garden-decoration in beds as well as in groups in the herbaceous border and amongst shrubs. Grown for cut-flowers, they prove very valuable at a time when our gardens yield so little for the decoration of our rooms. They bloom during the middle of May, a period when spring-flowers are over and those of summer, such as Roses, have not yet come in. The blooms last in condition a very long time. Price 5c each; 50c dozen; \$3.00 per 100, postpaid.

Baronne De La Tonnaye (26 in.)—Bright rose, margined blush-rose; long, large flower, beautifully shaped.

Bartigon (22 in.)—Large flowers of fiery crimson with bright scarlet margin. One of the best of its color.

Centenaire (30 in.)—Rich violet-rose with large blue center, immense flower of perfect shape, splendid forcer.

City of Haarlem (27 in.)—Here is a tulip we can recommend without hesitation. It can always be depended upon to make an excellent show, with its immense cups of cardinal red, shading to scarlet at edges of petals. The large, blue base circled with pure white enhances the beauty of this splendid variety.

Clara Butt (20 in.)—Bright shrimp pink, paler edges. Perfect bloom of medium height, white base, midseason, lasts well. The best pink Darwin.

Europe (22 in.)—Glowing salmon-scarlet, shaded rose; well formed globular flower, erect grower and lasts well.

Farncombe Sanders (25 in.)—Fiery rose, scarlet, inside vivid cerise-scarlet with white center marked blue; flowers perfect shape.

Feu Brilliant (25 in.) (Brilliant Fire)—Glowing red, shading to brilliant scarlet near edges of petals. Large dark blue base with white halo. Really a nice tulip.

Isis—Fiery crimson-scarlet with blue base.

King George V—An immense flower of brilliant rose with a light blue base. The color is dazzling in its brilliance, and this is without doubt one of the finest and most beautifully formed Darwins, quite worthy to bear a royal name. Height, 28 inches.

King Harold (24 in.)—Very deep crimson, with large blue base. Large, square petaled variety that possesses unusual charm.

La Tulipe Noire—Nearest of all to the black color.

Mme. Krelage (27 in.)—Very similar to Massachusetts, but the central pink band is a shade lighter and blends into the pale border. Earlier than Massachusetts and tones off into lighter shades all over.

Massachusetts (25 in.)—Deep rose-banded petals with very distinct pale rose edges. Long oval blooms on strong, erect stems. Blossoms early and cut blossoms last well.

Pride of Haarlem (28 in.)—Bright rose suffused with purple; an enormous flower unsurpassed for groups because of its fine color and stately habit.

Princess Elizabeth (Syn. Julie Vinot.) (26 in.)—Large flower; soft rich rose toning to silvery-rose at edges. Inside deep rose, white base. Highly recommended.

Prof. Rawenhoff (28 in.)—Cherry-rose with ivory-white and blue base. Enormous, attractive flower.

Rev. H. Ewbank (20 in.)—Deep lilac, toning at the edges to pale lavender. Lighter in color and not so tall as Dream, white base. Distinct flat open flower. Lasts well. Most popular of this shade.

Sundew—This flower is something entirely new in tulips. The curved petals are provided with barbs, giving the edges of the flower a fringed effect. It is said to be a natural sport of the popular variety Bartigon, retaining the brilliant crimson coloring and magnificent size of its parent.

Venus—One of the most wonderful tulips of recent introduction. The large flower is of exquisite rose, with a white center slightly edged light blue. The entire flower bares a beautiful silvery sheen. The stem is always long and strong, making it a grand exhibition variety.

Whistler (25 in.)—Vivid maroon-crimson with a blue base and white halo. This variety has the characteristic of producing more than one stem to a bulb, each stem having two or more flowers. On one occasion five blooms were observed from one bulb. This, of course, does not always occur, but it has been observed so often in this variety we call it a characteristic and not a freak growth as is sometimes seen in other tulips.

White Queen (24 in.)—White, passing to pink.

William Copeland (Syn. Sweet Lavender.)—The best Darwin tulip for forcing. It may be grown in the house as easily as the early tulips. Also fine for the border. When grown outside, color is rosy lilac. When forced, color is beautiful lavender.

William Pitt (22 in.)—Very dark scarlet with purple shade on the outer petals; large flower.

Price of the above Darwin Tulips, 5c each

50c per dozen; \$3.00 per 100, postpaid

6 tulip bulbs of a kind at dozen rate.

25 tulip bulbs of a kind at 100 rate.

MIXED DARWIN TULIP BULBS

**100 For \$2.50 Postpaid
Per Dozen 40c Postpaid**

Our special mixture of Giant Darwin bulbs, of many favorite varieties and colors, at a specially low price for those who want quantities. Try them.

SINGLE EARLY TULIPS**KEIZERSKROON TULIPS**

These wonderful big scarlet blooms with their bright yellow edges make a splendid showing in large circular beds; also in window and porch boxes. Be sure your order includes plenty of these bulbs for the pleasure they will give you.

Each, 6c; Doz., 60c; 100, \$4.00

Artus—Deep red, much used for bedding.

Each 5c; doz., 50c; 100 \$3.00

Belle Alliance (Waterloo) A. M.—True large, brilliant scarlet, sweet scented, fine forcer and bedder. **Each 5c; doz., 40c; 100 \$3**

Chrysolora—Large, pure golden yellow, excellent for bedding; holds its color well.

Each 5c; doz., 50c; 100 \$3.00

Cottage Maid (La Precieuse)—White bordered pink, the pink shading to carmine-rose; excellent dwarf bedder.

Each 5c; doz., 50c; 100 \$3.00

Pink Beauty—Bright rose-pink shading to blush-white. **Each 5c; doz., 50c; 100 \$3.00**

Rose Grisdelin—Beautiful delicate pink.

Each 5c; doz., 50c; 100 \$3.00

Vermilion Brilliant—A beautiful flower, forces easily and early; one of the largest and finest scarlets.

Each 5c; doz., 50c; 100 \$3.00

Yellow Prince—Sweet scented; one of the very best for forcing; a fine yellow.

Each 5c; doz., 50c; 100 \$3.00

Superfine Mixed—All colors.

Each 5c, doz. 50c; 100 \$3.00

LILY FLOWERED TULIP

Sirene—A very beautiful flower. Rich rose-pink with pale-pink at the margins of segments, white base. Fine forcer. Great exhibition flower of exquisite beauty.

Each 5c; doz., 50c; 100, \$3.00

BREEDER TULIPS

Breeders are the unbroken or self colored forms of the old Florist Tulips. Most of the varieties are purple, maroon or terra cotta colored. They have flowers of enormous size and are of vigorous growth. These Tulips are very valuable for the garden, producing by their refined colors a most artistic effect.

Bacchus—Dark violet-blue, very large flower, very handsome. **Each 5c; doz., 50c; 100 \$3.00.**

Bronze Queen (28 in.)—Soft buff, inside tinged golden-bronze, good forcer.

Each 5c; doz. 50c; 100, \$3.00

Cardinal Manning—Wine-red flushed rosy-brown.

Each 5c; doz., 50c; 100, \$3.00

Don Pedro—A beautiful shade of coffee-brown shaded maroon inside rich mahogany.

Each 5c; doz., 50c; 100, \$3.00

Louis XIV (16 in.)—An immense flower, rich purple, with golden bronze margin; inside bronzy-purple. A gigantic and very handsome tulip. **Each 5c; doz., 50c; 100, \$3**

Le Mogol—Clear lilac, flushed white.

Each 5c; doz., 50c; 100, \$3.00

Panorama (Fairy)—Mahogany, good forcer.

Each 5c; doz., 50c; 100, \$3.00

Mixture of Breeder Tulips—An extra fine mixture in many shades and colors.

Each 5c; doz., 50c; 100, \$2.50

PARROT TULIPS

Their fringed and corrugated petals with their wonderful variation make these old-fashioned flowers the most curious of all tulips. Flowering at the same time as other late sorts, they are entirely distinct from any other; the flowers are thick-petaled with extra long stems, and keep extremely well after being cut. The average height is 15 inches.

Lutea Major—Bright yellow; large.

Each 5c; per doz., 50c; 100, \$3.00

Perfecta—Yellow striped red.

Each 5c; per doz., 50c; 100, \$3.00

Mixed Superfine—Per doz., 50c; 100, \$3.00

Fantasy—A remarkable Parrot Tulip with a straight, strong stem, a quality which has always been lacking in Parrot tulips. This variety is a sport of the well-known Darwin tulip, Clara Butt, and has the same clear pink color as its parent, combined with artistic form of a Parrot tulip. Each petal is over three inches long, and two inches across. The center of the petals on the outside are marked emerald green.

Each 15c, 2 for 25c

STRIPED TULIPS

Bizarres—Mixed. Flowers beautifully blotched, striped and feathered with crimson, pink, scarlet, rose, lilac and purple on yellow ground.

Each 5c; per doz., 50c; 100 \$4

Bybloemens—Mixed. White ground, blotched, striped or feathered with lilac, purple, violet, blue.

Each 5c; doz., 50c; 100 \$4

PICOTEE TULIPS

Maiden's Blush (Picotee) (20 in.)—A long-shaped flower, pure white recurved petals, margined rose.

Each 5c; doz., 50c; 100 \$3.00

Six Tulip bulbs of a kind at the dozen rate.

Twenty-five Tulip bulbs of a kind at the 100 rate.

COTTAGE TULIPS

Each individual blossom being a marvel of beauty in itself. They grow from 18 to 24 inches high and appear at their best when used in the border, the foreground of shrubbery or buildings, or out of the way corners of garden, where, if left undisturbed, they will bloom with increasing beauty for years. They are extremely hardy and the flowers borne on long strong stems are good keepers when cut. **Price 5c each; 50c dozen; \$3.50 per 100, postpaid.**

Dido (26 in.)—Superb in form, poised erect on a straight stem, we know of no other tulip that has more fragrance and brilliant coloring than Dido. It is a deep, rich pink with salmon lights, suffused and slightly edged orange.

Gesneriana Lutea (20 in.)—A very shapely bloom of the purest yellow; distinctly sweet-scented. One of the best yellow tulips in existence for color and perfume.

Gesneriana Major (24 in.)—From the time of opening until the petals fall, this tulip makes a marvelous display. The flowers are typical Cottage form; long, egg-shaped, deep red in color, with dark blue base.

Gesneriana Orange Globe (22 in.)—Rich crimson-scarlet, shading to orange. A fine companion for the yellow *Gesneriana Lutea*.

Inglescombe Pink (24 in.)—Warm pink tinged orange near edges of petals when it first opens. Age makes this tulip more beautiful, as after the first few days it changes to pure pink.

Inglescombe Scarlet (16 in.)—Brilliant vermilion with a black base. One of the best reds.

Inglescombe Yellow (18 in.)—A fine large, globe-shaped flower, color full rich yellow; sometimes called the Yellow Darwin.

La Merveille (20 in.)—Extra large, fragrant flower, apricot suffused orange. Graceful cut-flower for table decoration.

Moonlight (20 in.)—Long, narrow flower of beautiful pale yellow. Opens two or three days sooner than most yellow Cottage tulips.

Mrs. Moon (30 in.)—This is beyond doubt the finest late yellow tulip in existence. The blooms are long and pointed, the outer petals reflexed. Distinctly perfumed. Highly recommended for large beds and borders.

Price of the above, 5c each

50c per dozen; \$3.50 per 100, postpaid

6 bulbs of a kind at dozen rate.

25 bulbs of a kind at 100 rate.

AUTUMN-FLOWERING CROCUS

That brings to October and November a bright reflection of the blue skies of April and May. Here is a charming rarity for your rock garden or to scatter through the shrubbery borders with its cluster of large flowers of the palest lavender. It is perfectly hardy. Our supply of these is not large and will not equal the demand. Order at once.

Price each 25c; \$2.50 per dozen,
Postpaid

WILD TULIP SPECIES

For the Rock Garden and Hardy Plant Border

The general characteristics of the various species, all of which are natives of Asia Minor and Central Asia, are bright colors and recurved petals. These Tulips do not always feel happy in their new surroundings and after two, or possibly three, seasons they will disappear. With care and the provision of suitable quarters they will flower quite satisfactorily. They feel best contented in rock gardens and borders.

Clusiana—"Lady" or "Candystick" Tulip—Outer petals bright cherry red, inner petals creamy white, with violet base; small flower, but very distinct. It should be planted in light soil 6 or 9 inches deep, in the rock garden or among stones in the front of the herbaceous border. A warm and sheltered situation should be chosen, where it will prove to be a gem among early flowers. Flowering season late April. Height, 8 inches. **Each 10c**

Eichleri—A grand Tulip from Turkestan, immense crimson-scarlet flowers with glistening black center marked with gold. Flowers at the same time the single early tulips do. Has very pointed petals. Height, 11 inches. **Each 10c**

Kaufmanniana (The Water Lily Tulip)—Large, creamy flower, brilliantly marked with carmine, yellow center. Flower opens flat and is carried on a stem usually 6 inches in height. Blooms early in April. The bulbs should be planted six inches deep. Splendid for naturalizing in shady places; self-sows freely. One of the first to flower. Height, 5 to 7 inches. **Each 10c**

DOUBLE TULIPS

Murillo—Decidedly the best double pink Tulip for forcing or bedding; flowers large **Each 5c; per doz., 50c; 100, \$3.50**

Tea Rose—The best yellow. **Each 5c; doz., 50c; 100 \$3.50.**

Vuurbaak—Bright scarlet, suffused orange. **Each 5c; Per doz., 50c; 100 \$3.50**

Early Double Mixed—This mixture contains a large and choice assortment of all colors and shades; very suitable for outdoor planting. **Each 5c; doz., 50c; 100 \$3.50**

CROCUS—Spring Flowering

A desirable effect is produced by setting Crocuses here and there over the lawn. It is only necessary to lift the turf and insert the bulbs about two inches deep. They bloom very early, dying down to the bulb in ample time to be entirely out of the way of the lawn mower. Once planted, they will remain uninjured in the ground and bloom for years.

King of Blues—Dark blue, splendid for forcing. **Per doz., 35c; 100, \$2.50**

King of the Whites—Mammoth snow white, truly the king of all white Crocus. **Per doz., 35c; 100, \$2.50**

King of the Stripeds—Extra fine for forcing. **Per doz., 35c; 100, \$2.50**

Purpurea Grandiflora—Bright purple. **Per doz., 35c; 100, \$2.50**

Mammoth Yellow—Yellow, selected bulbs of large size; finest blooms. **First size, doz., 35c; 100, \$2.50**

Mixed Varieties of blue, striped, white, purple, yellow colors. **Per doz., 35c; 100, \$2.50**

SINGLE HYACINTHS

FIRST-SIZE SEELECTED BULBS

We consider the Single Hyacinths more useful and valuable than the double varieties. They are better for forcing, more vigorous in growth, and usually give much larger spikes of bloom than those of the double sorts.

Hyacinths are among the most popular and satisfactory flower bulbs grown. Their wax-like bell-formed flowers, borne in buxom trusses, are of matchless beauty and also delightfully fragrant. The colors, shades, and tints are wonderfully varied, ranging from purest white, through blush, pink and rose, to deepest red, from daintiest porcelain through blues to black purple, and from cream through yellows to orange and rosy apricot. Hyacinths may be had in flower throughout the winter, grown either in pots of soil or glasses of water, while for gardens or beds on the lawn they are gorgeously effective when in flower during the spring. The bulbs of different varieties of Hyacinths vary greatly in size and shape, some making very large, smooth bulbs; others smaller, irregular shaped bulbs. The latter, however, throw equally as fine trusses of bloom—sometimes better than the larger bulbing varieties. In every case we send out the largest and best bulbs that the variety produces.

SINGLE WHITE

L'Innocence—Early, large open spike, very large bells, blush turning to pure white. A leading forcer and bedder.

SINGLE RED AND PINK

Gertrude—Fine rosy pink; large flowers; for forcing or bedding.

Lady Derby—Splendid bright rose-pink, large bells and fine spike, excellent forcer and bedder.

La Victoire—Brilliant carmine red, forces early, extra fine.

Roi des Belges—Bright scarlet, upright, well filled spike, splendid bedder; early.

SINGLE BLUE

Bismarck—A light sky blue; large truss; excellent for Christmas forcing.

Grand Maitre—Fine deep porcelain blue; very broad, well formed spike; very attractive for pots, as well as bedding.

King of the Blues—A deep glossy violet blue; large, compact spikes; for bedding and late forcing.

Queen of the Blues—Clear, light porcelain blue, with silvery sheen; large, handsome flower; well formed trusses.



VIOLET AND PURPLE, SINGLE

Lord Balfour—Dark lilac; broad, large truss, well set with large bells.

Sir William Mansfield—Bright purple; good large truss; the best of its color.

YELLOW, SINGLE

City of Haarlem—A wonderful bright orange yellow; well-formed spikes.

Yellow Hammer—Pure golden yellow, exhibition variety, forces easily.

Price of these Hyacinths

15c each; 2 for 25c; \$1.25 per dozen

Prices postpaid to fourth zone. Beyond fourth zone add additional postage.

PRETTY LITTLE FLOWERS FOR PRETTY LITTLE PLACES

CHIONODOXA (Glory of the Snow)

One of our loveliest Spring flowers, when established its sheets of blue in very early Spring are a great attraction in borders, dotted over bulb beds, or massed on rock-work. Once planted it comes up year after year, the flower spikes increasing in size and beauty. Excellent in pots. Prices include postage.

Sardensis—Intense deep-blue.

Doz., 50c; 100 \$3.00

ERANTHIS HYEMALIS

(Winter Aconite)

Early in spring the golden blossoms of Winter Aconite look charming, resting on an emerald-green of cushion leaves, forming a striking contrast to the Snow-drop, Scilla and Chionodoxa. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees. 8 inches high.

Doz., 40c; 100 \$3

FRITILLARIA IMPERIALIS

(Crown Imperial)

The Crown Imperial is a stately hardy border-plant, very effective in Spring when grouped in woodlands, wild gardens, orchards, etc. For forming bold groups in the permanent border or on lawns it is of great value, and should be allowed to remain undisturbed.

Each 20c; doz., \$2.00

GRAPE HYACINTHS

Muscaria Botryoides (Grape Hyacinths)—Very pretty, early spring blooming bulbous plants, succeeding well anywhere. Flowers resemble a miniature Hyacinth. Color blue. Each 5c; doz., 40c; 100, \$2.50

IXIAS

A beautiful little flowering bulb, with low, slender, graceful spikes of bloom. Rich and varied colors. Culture same as Hyacinths. Named Varieties, Mixed.

Each 5c; doz., 30c; 100, \$2.00

PRETTY LITTLE FLOWERS FOR PRETTY LITTLE PLACES

Plant these bulbs in quantities among the grass, under trees, on banks, where their leaves need not be cut too early—they will increase in numbers yearly and afford beauty for a lifetime. For planting in clumps in your hardy borders, for edging walks or flowerbeds, or far planting among Tulips they cannot be surpassed.

ANEMONE

The varieties of Anemone which we list below are all large flowering. They make a splendid show during the spring.

St. Brigid—An easily grown Anemone that blooms profusely from early March until May. Autumn is the right time for planting, placing the bulbs 2 to 3 inches deep and from 5 to 6 inches apart. Firm the soil around the roots thoroughly to give them a satisfactory start. Includes all colors, such as pink, rose, purple, lavender, etc. 3 for 25c; 6 for 45c; 12 for 85c; 50 for \$3.10; 100 for \$6.00.

Single Poppy-Flowered, De Caen—A magnificent variety, including a surprisingly large number of colors. It blooms early in the spring and prefers a medium rich, moderately moist soil. This type distinguishes itself by its strong growth and profusion of blooms.

6 for 35c; 12 for 65c; 50 for \$2.35; 100 for \$4.50

RANUNCULUS

The bulbs of Ranunculus resemble tiny clumps of dahlia roots. They look as much like spiders as anything. The flowers are extremely double, almost globular, regular in outline, often exceed 2 inches in diameter, and are to be had in all the colors except blue. The colors are bright, clear, and pure.

French Mixed—We offer a mixture of all colors of the French Ranunculus at 50c per doz., \$3.00 per 100.

SNOWDROPS

These elegant little flowers, the first to open in spring, should be found in every garden, not only because they are the earliest spring flowers, but because they are one of the loveliest.

Single Snowdrops—Selected bulbs, 50c doz; \$3.00 100

Double—Selected bulbs, 60c doz.; \$4.00 100

LILY OF THE VALLEY

Extra Select Pips—One of the most satisfactory and charming Spring flowering plants, producing in profusion its delicate bell-shaped, delightfully fragrant, white flowers. Valleys thrive in any common soil, are perfectly hardy, and will succeed in shady situation. They can be left undisturbed in the open ground, where they will increase from year to year, and are most charming in beds or borders around the lawn. For outdoor planting and Winter forcing, pips are ready December to March.

Selected Pips—For forcing indoors or planting outside. Doz., 50c; 100, \$3.00

ORDER EARLY

Some of the items listed will not be ready for shipment at the time you receive this, but we will send you all that is ready and the balance when the plants or bulbs are ready and the proper time to be dug and planted.

ORNITHOGALUM

(Star of Bethlehem)

Umbellatum spikes of silvery grey flowers, outside shaded pale green. Doz., 35c; per 100, \$2.00

SCILLAS

(Squills or Wood Hyacinths)

As edgings and masses in beds and borders, Scillas are most valuable, and produce a grand effect in flower and shrubbery borders, and are most valuable for wild gardens and woodlands, where they should be largely naturalized. They succeed in shady flower borders and bare shady places and odd corners which often have a desert-like appearance in the flower garden can by their use be rendered bright and cheerful.

Sibirica (The Blue Squill)—Bright blue, nothing more beautiful for edgings or pots in early spring, flowering with the Snowdrop. Height, 4 inches. Doz., 50c; 100 \$3.00

Sibirica White—Doz., 50c; 100 \$3.00.

SCILLA

One of the prettiest dwarf early spring blooming bulbs, producing sprays of exquisite flowers. Each 5c; doz., 50c; 100 \$3.00

Campanulata Blue.

Campanulata White.

MONTBRETIAS

Of the same family as gladioli, Montbretias are hardier and increase more abundantly. They are splendid for cutting, being especially effective with autumn foliage. Dozen, 25c; per 100, \$2.00

BLEEDING HEART

An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. Perfectly at home in any part of the hardy border, and especially valuable for planting in the shade.

Nice Roots, 50c; postpaid

Calla Lilies

The Calla is one of the best winter flowering plants for room culture, needing little care beyond abundant water and an occasional washing of the leaves to keep them free from dust. Plant one bulb in a 6-inch pot. As soon as it starts growing bring to the light and heat and the result will be most satisfactory.

White Calla Lily (Aethiopica)—A well-known plant of easy culture for winter bloom, and makes a handsome house or window plant. To aid profuse blooming keep dormant from the middle of June until the last of September; pot on receipt in good, rich soil, using 6 to 8-inch pot, give light and heat in abundance. Both foliage and flowers are attractive in this desirable winter bloomer. Each 35c; 3 for \$1.00, postpaid

Yellow Calla (Elliottiana)—New and beautiful variety; same habit of growth as ordinary white Calla; flowers same size and shape, rich, clear, lustrous golden-yellow; foliage dark green, with translucent creamy spots, strong bulbs. Each 35c, postpaid

New Godfrey—Plant is more dwarf in growth; flowers lily white, very graceful and produced in astonishing numbers; come into flower quicker; will also do well in the garden for summer flowers. Each 25c; 3 for 65c, postpaid

NARCISSUS or DAFFODILS

The
Price
the
Lowest
in
Years
as
Long
as
Our
Stock
Lasts



The Narcissi is one of the most satisfactory and valuable of all flowering bulbs; their exquisite perfume, earliness, free blooming and keeping qualities, endear them to all who have grown them.

Once planted in the field or garden, they need no further attention but will thrive and perpetuate themselves, increasing in beauty for years.

LONG TRUMPET

Emperor—One of the largest and finest daffodils in cultivation, pure yellow trumpet of immense size, and wide, overlapping, rich primrose perianth.

Each 7c; per doz., 60c; 100, \$4.00

Empress—Of strong, robust growth, with fine large flowers; the perianth snow white, trumpet rich yellow.

Each 7c; per doz., 60c; 100, \$4.00

King Alfred—Perianth and trumpet rich golden yellow, a beautifully formed trumpet of great substance, the exquisite flowers are borne on a strong stem, the finest flower to my knowledge in existence.

Each 10c; per doz., 75c; 100, \$6.00

Golden Spur—The most popular of the golden yellow trumpets with cut flower growers.

Each 7c; doz., 60c; 100, \$4.50

Glory of Leiden—A bold, giant daffodil, with golden yellow trumpet, perianth lighter, forces well, and very hardy in open ground.

Each 7c; per doz., 75c; 100, \$4.00

Mme. De Graff—Perianth snow white, trumpet slightly tinted with primrose, which changes to white.

Each 7c; per doz., 75c; 100, \$4.00

Olympia—A giant flower rivaling Van Waveren's giant in size; sulphur-yellow perianth, handsome yellow frilled trumpet.

Each 15c

Tresserve—Beautiful light-yellow Trumpet Daffodil, extra large flower, splendid exhibition variety. Fine for forcing or planting out. Stock limited.

Each 15c

Victoria—Perianth creamy-white, trumpet rich yellow. Each 6c; doz., 50c; 100, \$3.00

SINGLE MEDIUM TRUMPET NARCISSUS

Sir Watkin—A well-known daffodil, excellent for large plantings, or growing in pots. Full perianth of pure yellow with large, rich, golden trumpet. Large size, each 6c; per doz., 50c; per 100, \$3.00.

BARII, LEEDSII, POET'S AND POETAZ NARCISSUS

King Edward—Large white petals, broad greenish yellow, red edged cup, very large flower on long stem, early.

5c each; 50c per doz.

Mrs. Langtry—A remarkably free-flowering variety, broad white perianth, and white cup opening pale primrose. Valuable for naturalizing.

Each 5c; doz., 50c

Poeticus Ornatus—(The Improved Poeticus)—Pure white cup, edged with scarlet. Good forcer.

Each 5c; doz., 50c; 100, \$3.00

Poeticus Recurvus (Pheasant's Eye)—Pure white flowers, orange cup, edged with red. Very useful for cutting in spring; are perfectly hardy out of door—will bloom year after year. Does not force.

Each 5c; doz., 50c; 100, \$3.00

Queen of England—Large, flat white perianth of great substance, with beautiful cup, margined red. You will make no mistake in planting a few of this lovely variety.

5c each; 50c per doz.

Queen of the North—Broad white perianth; light primrose cup which changes into ivory white as the flower ages.

Each 5c; per doz., 50c; 100, \$4.00

St. Olaf—Rounded white perianth, well imbricated and wide flattened crown, margined sulphur and with sulphur shaded center.

Each 5s; doz., 50c

White Lady—White fine shaped perianth; light sulphur yellow cup. Beautiful flower on very tall stem.

Per doz., 50c; 100, \$4.00

DOUBLE FLOWERING NARCISSUS

Alba Plena Odorata (Double Poet's Narcissus or Gardenia Daffodil).—Double, pure white, very sweet scented. This beautiful variety.

Each 6c; doz., 60c; 100 \$4.00

Orange Phoenix—Light citron, with orange center. Each 7c; doz., 60c; 100 \$4.00

Van Sion—The famous Old Dutch Daffodil; flowers golden yellow.

Each 7c; doz., 60c; 100 \$4.00

NARCISSI OR DAFFODILS MIXED FOR NATURALIZING

This mixture contains many varieties of Narcissi or Daffodils that are most suitable for planting in borders, lawns, and woodlands, and comprise sorts which will give an abundance of flowers and continue to thrive indefinitely. Plant some of these. They will more than please you. Per doz. 50c; 100 \$2.50

BUTZER'S HARDY LILIES

Lilies are New Delights for Every Garden

General Culture of Hardy Lilies

No garden is complete without Lilies and suitable varieties may be found for almost any situation. The fullest measure of decorative effect is secured when Lilies are used in combination with other plants and shrubs. Striking effects are produced by planting them among tall-growing perennials, in front of large shrubs, or among dwarf shrubbery, so that the blossoms may rise above its foliage.

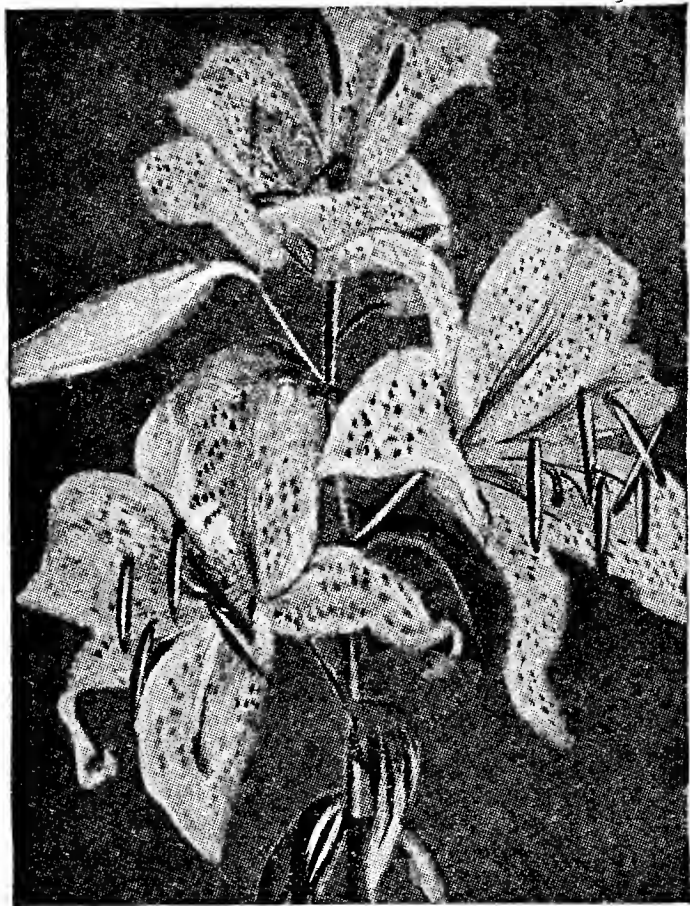
Most Lilies will succeed in any light sandy or loamy soil, preferring an acid or a neutral soil. Plenty of leafmold or decayed peat should be added to the soil. An excellent mixture is one-third loam, one-third leafmold or peat or both, and one-third sand and good garden soil.

Good drainage is an essential point. The preparation of the soil should be such as to provide moisture during the growing period, but without having an excess of water during the dormant period. When planting the bulbs it is well to surround them with sand or fine gravel. This helps to drain away surplus moisture and tends to repel worms.

Occasionally some Lilies do not appear above the ground the first year after planting, but come up strong and vigorous the second season.

In cutting Lilies the lower part of the stem should be left, so that the bulb may complete its growth. To cut it to the ground injures and may destroy the bulb. Lilies should be protected from the frost by a light mulch of a covering of leaves, or granulated peat moss that is now so popular for this work.

Plant a few varieties and enjoy their beauty.



Lilium Auratum

The Gold-Banded Lily of Japan—The most beautiful variety of all the lily family; should be in every garden. Flowers white, dotted crimson, with a clear golden band running through the center of each petal; very fragrant. A splendid lily for pots, or for planting out in the shrub or plant borders. Its large flowers and delicious perfume make it one of the most valuable of all. It is perfectly hardy with ordinary protection and suitable soil. Large bulbs, each 25c; doz., \$2.75, postpaid

Lilium Auratum Platyphyllum

This is without a question one of the most wonderful lilies in cultivation. The leaves are very long and broad and the stems attain a height varying from 7 to 10 feet. The flowers are similar in color to Auratum, but much larger. The golden band is not so pronounced and the dots are white; the petals more overlapping and of greater substance. The giant of the lily family.

Each 30c; doz., \$3.00, postpaid

Lilium Candidum

(The Madonna Lily) Now Ready

Legend is rich in praises and reference to the Madonna Lily. It is one of the oldest, loveliest, and best known lilies. A favorite of our grandmothers' gardens, its beauty and fragrance brings back days long past and revives cherished memories. The flowers, of which there are three to twenty on each stem, depending upon the size of bulb planted, are snow-white, with heavy yellow stamens, and of the most delightful fragrance. It is hardy and will thrive in any ordinary soil, preferring plenty of light and air. Blooms in the open ground about June 20th. Orders should, therefore, be mailed on receipt of this Catalogue.

Each 25c; doz. \$2.50, postpaid

Hansonii—A very important and beautiful Lily that is easy to grow. It is perfectly hardy and very desirable for border planting.

Each 35c; doz., \$3.00

Henryi

(The Yellow Speciosum)—A new, rare and very beautiful lily from China. It is very hardy, and without doubt one of the best lilies for garden culture. The flower stalks, 3 to 5 feet high, carry 5 to 15 large flowers each, rich apricot-yellow, lightly spotted with brown. The shape and size of the flowers has suggested the name "Yellow Speciosum."

Each 30c; doz., \$3.00

Regale

The most vigorous and satisfactory Lily that has ever come under our observation. Perfectly hardy, of medium height, often bearing five to eight large handsome blooms. The color is white, the outer petals shaded in varying amount with pink, the throat suffused primrose-yellow, and fragrant.

Each 20c; doz., \$2.00, postpaid

Special small but blooming size bulbs at 10c each, \$1.00 per doz.

Speciosum Rubrum

The Lance-Leaved Lily—Thousands being grown each year in greenhouses. The typical form is white, flushed pink, and heavily spotted with carmine. The stem is about four feet high and has fresh, green, lance-shaped leaves, and the frilly flowers face downward and carelessly roll back their petals, while the stamens and pistil curl way out. A very beautiful lily, perfectly hardy, very seldom diseased, and a late August and early September bloomer. Plant the bulbs eight to ten inches deep.

Large bulbs, each 25c; doz. \$2.75

Tenuifolium

The lovely Coral Lily of Siberia—A great beauty. The brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. Blooms very early.

Each 15c; doz., \$1.50, postpaid

Pardalinum (Leopard or Panther Lily)

A late June flowering lily of rich scarlet and yellow, spotted rich brown from the Sierra Nevada Mountains of California. One to thirty flowers on a 3-6 foot stem.

Each 25c; doz. \$2.00

Tigrinum Splendens

(Improved Single Tiger Lily)—Has very large flowers of excellent form, color orange-salmon, with dark spots; hardy and a free bloomer.

Large bulbs, each 20c; doz., \$2.00

Tigrinum Flore Plena

(Double Tiger Lily)—This magnificent lily is of stately habit, bearing immense clusters of very large, double flowers, nodding on tall, strong stems; color bright orange-red spotted with black.

Each 25c; doz., \$2.50

Umbellatum Dauricum

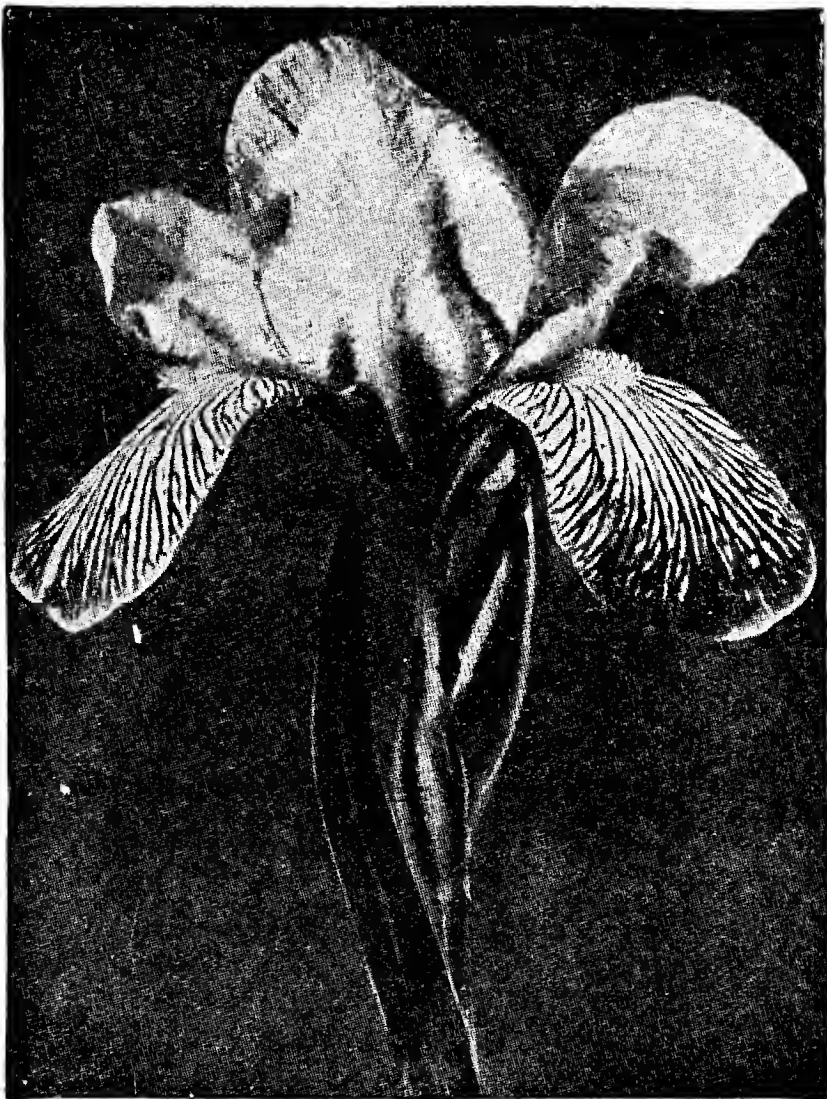
(Candlestick Lily)—A lily of easy culture with three to five flowers ranging from deepest red through all shades of crimson, rose, yellow, buff and apricot. In June. Height 2 to 3 feet.

Each 25c; doz., \$2.50

Umbellatum Erectum

Although the Umbellatum class through years of hybridization contains innumerable named varieties, at present we deem this one, Erectum, deserving a place in every garden. The flowers are orange, and slightly or not at all spotted.

Each 25c; doz., \$2.50



BUTZER'S GERMANICA IRIS

These do well under varied conditions of soil and climate. They thrive in moist or dry soil, in the bright sun or in semi-shaded locations. The plants make a strong growth and produce large and showy blooms, beginning with the month of May.

"S" refers to the three standard, or upright curling petals; "F" to falls or drooping petals.

	Each	Dozen
Alcazar—S, violet; F, purple.....	\$0.15	\$1.50
Amas—S, blue; F, purple.....	.15	1.50
Ambassadeur—S, bronze; F, maroon.....	.75	
Asia—S, silver; F, reddish.....	1.00	
Ballerine—S, violet; F, deeper.....	.25	2.50
Chasseur—S, yellow; F, yellow and red.....	1.50	
Dejazet—S, bronze; F, violet.....	.15	1.50
Florentina Alba—White.....	.15	1.50
Ingeborg—White, early.....	.15	1.00
Isolene—Lilac and purple.....	.15	1.50
LaNeige—White.....	.15	1.25
Lent A. Williamson—Violet and purple.....	.15	1.00
Mady Carriere—Greyish lavender.....	.15	1.50
Magnifica—Violet and reddish-violet.....	.50	5.00
Mme. Chereau—White, frilled blue.....	.15	1.00
Mrs. Walter Brewster—S, light lavender; F, darker.....	.15	1.25
Pall. Dalmatica—Lavender.....	.15	1.50
Pres Thiers—S, lavender blue; F, deeper, striped white.....	.15	1.00
Queen Catarine—Pale violet.....	.25	2.50
Queen of May—Pink.....	.15	1.50
Souv. de Mme. Gaudichau—Rich purple.....	.25	2.50
Wyomissing—Creamy white.....	.15	1.50

BUTZER'S DOLLAR COLLECTION

of 12 IRIS GERMANICA
\$1.00, Postpaid

This collection is not tagged, but, it is made up with the varieties of which we have a surplus, as it is almost impossible for us to gauge the number of Iris that we will sell. For those who are not particular to have the names, this collection will give the best of satisfaction.

Japanese Iris

Japanese Iris are entirely hardy and are grown extensively for their truly glorious flowers. The Japanese Iris thrive best in cool moist situations and for that reason are used extensively for planting alongside of ponds and streams. They bloom profusely all during June and July. Order by number.

Order by number as the names are good but hard for us. Each 20c; doz., \$2.00; 100, \$12.00

Zama-no-mori—White, very slightly shaded with foggy blue, yellow blotches radiating into delicate feathers, petaloid stigmas large, tipped with light blue, 3 large petals.
No. 1

Wase-banri—White shaded with purple, yellow blotches radiating into purple veins, petaloid stigmas vinous purple, 3 petals, early bloomer.
No. 4

Kyodaisan—Purple overlaid with cerulean-blue, orange blotches radiating out faint white lines.
No. 5 6 petals.

Sano-watashi—Pure white, yellow blotches, petaloid stigmas white, large flower, 6 petals.
No. 9

Choseiden—Ruby crimson, white halo surrounds the yellow blotches, radiating into broad line, petaloid stigmas light violet, 6 petals.
No. 10

Nishiki-no-shitone—Claret-purple, speckled with lilac, the yellow blotches surrounded with blue halo, radiating into lilac lines, standards vinous purple, petaloid stigmas dark violet, 3 petals.
No. 12

Uji-no-sato—Blue and purple, heavily feathered, white yellow blotches, standard blue edged white, petaloid stigmas, white tipped blue, very large, three petals.
No. 15

Oku-banri—Gray feathered and penciled rich violet, yellow blotches, standard dark purple, stigmas dark violet bordered gray, late bloomer, 3 petals.
No. 16

Hatsushimo (First frost)—Pure white, yellow blotches, standard white, petaloid stigmas creamy, early bloomer, 3 petals.
No. 18

Kuma-funjin (Excited Bear)—Purple overlaid with navy-blue, 2 standard, petaloid stigmas purple and blue, very large orange blotches, 6 petals.
No. 21

Kuro-Kumo—Purple overlaid with dark blue, yellow blotches, stigmas dark blue bordered purple, 6 petals.
No. 24

BUTZER'S JAPANESE IRIS COLLECTION

10 Assorted for \$1.00, Postpaid

These are Not Labeled

We have a wonderful collection of these beauties, some of which are almost as large as a dinnerplate. There are singles, doubles, selfs, mottled, and striped effects in soft tones and most brilliant colorings. Certainly a wonderful collection of Japanese Iris.

THIS IRIS IS A BEAUTY

Pallida Dalmatica foliis variegatis—This beautiful variety is conspicuous on account of its striking variegated foliage, which is of a glaucous green with broad bands of creamy-yellow, every leaf being well marked; it is of free growth, attains a height of 2 feet and is very attractive, even when not in flower, its blooms are of a clear lavender blue the same as its parent.
25c each

PERENNIAL FLOWER SEEDS

FOR FALL SOWING

With our mild weather here in the Northwest, it is best to sow the Perennials early in the Fall. This will give you nice plants when wanted early in the Spring with very little care.

REMARKS ON THE CULTIVATION OF FLOWERS

The soil best adapted to most flowers is light, rich loam, containing enough sand to make it porous. If there is some clay with it the colors will be brighter. Make surface as smooth and fine as possible, sow seed in rows, covering each sort of seed in proportion to its size—a good general rule being to cover twice the diameter of the seed, and press the soil firmly down over it. Do not plant any seed when the ground is wet. Many varieties should be sown early in shallow boxes in the house, the soil consisting of equal parts of fine sand and rich mellow loam, well mixed together and sifted, to remove all gravel and lumps. Sow as before directed. Covering the box with glass helps to retain the moisture, and keeps the temperature even. Be careful not to keep them too wet, and as soon as they are large enough to handle transplant into boxes, from 1 to 2 inches apart, where they are to remain until time to transplant to permanent beds.

*ACHILLEA (Milfoil. Yarrow)

Achilleas are of easy culture and grow in any good garden soil. They are useful for the border, wild garden or shrubbery; also for cutting.

The Pearl—2 ft. June to August. Pure white, fine for cutting; blooms all summer. Per pkt. 15c

*ACONITUM (Monkshood)

Do not plant near vegetable gardens. Roots are poisonous. Bold spikes of hood-shaped flowers, valuable for cutting; very effective in flower borders and shrubberies, thriving anywhere.

Napellus—2½ ft. August. Fine rich blue flowers. Per pkt. 10c

*ADLUMIA (Allegheny Vine)

Cirrhusa—15 ft. The feathery foliage is like the Maidenhair Fern. Delicate rose pink and white flowers cover the plant. Per pkt. 10c

*ADONIS

Vernalis—18 in. May. Large star-shaped yellow flowers. Per pkt. 10c

*AGATHEA

Coelestis (Blue Daisy)—Flowers sky blue with yellow disk; easy growth. Per pkt. 10c

*AGROSTEMMA (Coronaria)

Rose Champion—One of the most attractive of the hardy perennials. Blooms the first season from seed, producing pretty pink-like blossoms on long slender stems. Fine for both mass planting and for bouquets. Height about 18 inches. Per pkt. 10c

*ALSTROEMERIA

Aurantiaca—Belongs to the Amaryllis family, quite hardy, flowers orange color streaked with red. A well established plant will produce five to six flower stalks carrying ten to fifteen blooms. Pkt. 25c

ALYSSUM

*SAXATILE COMPACTUM

(Basket of Gold)—1 foot. May-June. Producing masses of golden flowers very early. May be planted effectively with Arabis. Per pkt. 10c; ¼ oz. 40c

*ANCHUSA

Italica, Dropmore Variety—5 ft. June-July. Beautiful gentian blue, flowers one of the best perennials. Per pkt. 10c

Capensis—Annual blue. Per pkt. 5c.

*ANEMONE (Wind Flower)

Very pleasing hardy plants for the herbaceous border. Fine large flowers, few plants compare with them in beauty. Excellent for bouquets and table decorations.

Coronaria (Poppy Anemone)—Mixed. June 10 in. Per pkt. 10c

St. Brigid's Strain—May-June. Double and single mixed. 12 in. A beautiful selection of the Coronaria varieties in a wonderful array of colors. Per pkt. 10c

Pulsatilla—1 ft. April-May. Well adapted for rock-work or border flowers, varying from lilac to purple. Per pkt. 10c

Pulsatilla Rubra—6 to 9 in. April-May. Dark red with erect flowers. Per pkt. 10c.

*ANTHEMIS (Marguerite)

These hardy Marguerites are most satisfactory perennials, succeeding in the poorest soil. The flowers are yellow.

Kelwayi (Hardy Marguerite)—2 ft. Daisy-like yellow blossoms, produced all summer. Excellent for cutting. Per pkt. 10c

*AQUILEGIA (Columbine)

Charming hardy perennial plants growing from one to three feet high, bearing in countless numbers through May and June their exquisite blossoms of clear blue, white, rose, yellow, purple, striped, etc. For planting in permanent borders or naturalizing along the edges of woods or shrubbery this old-fashioned favorite is one of the best of all hardy plants.

LONG SPURRED HYBRIDS

The flowers are very large and distinct shades of blues, lavenders, mauves, whites, creams, pinks, reds, yellows, etc. Many of these colors being entirely new in the species and are the result of very many years' careful hybridization. Per pkt. 15c

Mrs. Scott Elliott's Strain of Long Spurred Hybrids (Seed from the originator.)—This strain is allowed by the Royal Horticultural Society to be the best ever raised, and has received awards whenever exhibited. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. There are no jarring or crude tints, and the whole form a most harmonious mass of coloring seldom seen in other flowers. Per pkt. 25c

Canadensis (Turk's Cap)—Handsome scarlet and orange flowers. Per pkt. 10c

Chrysantha—3 ft. Yellow, long spurred. Pkt. 10c

Coerulea (Rocky Mountain Columbine)—3 ft. One of the most beautiful of our native American flowers. Sepals, deep blue; petals, white. Per pkt. 10c

Coerulea Rosea (Rose Queen)—2½ ft. Beautiful flowers of light to dark rose with white center and yellow anthers, a most delicate combination of colors. Per pkt. 25c

Farquhar Pink—Very fine. Per pkt. 25c

Vulgaris Double Mixed—Per pkt. 10c.

Single Mixed—Many varieties. Per pkt. 10c

Double Mixed—Per pkt. 10c.

BUTZER'S SPECIAL MIXTURE

includes all the above mentioned varieties and many new colors not found in any named collection. Pkt. 25c

*ARABIS (Rock Cress)

Charming dwarf spring-flowering plants of easy cultivation; valuable for beds, edgings. They do well in any soil, but need plenty of sun.

Alpina—6 in. A most useful hardy perennial for spring bedding and rockeries. Early in the spring the pure white flowers make a pleasing contrast in beds and borders with Alyssum saxatile. Pkt. 10c

ARMERIA (Thrift Sea Pink)

Grand plants for crevices of wall and rocks, and also for growing in flower borders or as permanent edgings; excellent plants for the sea coast. June-July.

Formosa. 9 in. Pretty rose pink. Grand for borders. Pkt., 10c.

Lauchiana—6 in. June-August. Crimson flowers, Deep green tufty foliage. Per pkt. 10c.

Maritima—3 to 6 in. May-June. Silvery pink flowers. Per pkt. 15c

*ARENARIA (Sand Wort)

A fine plant for shady place in rock garden.

Montana—White.—Pkt. 25c.

*ASPERULA

Odorata Woodruff or Waldmeister. An herb whose leaves are used in making beverages or when dried used to lay among linens. 6 to 8 in. Also useful for carpeting, shady places and for edgings. Per pkt. 10c

*ASTERS PERENNIAL

All Sorts Mixed—Extra fine, from a splendid collection; sown early in spring, they will flower the same year. Per pkt. 10c

I give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds or bulbs I send out, and I will not be in any way responsible for the crop. If the purchaser does not accept goods on these terms THEY ARE AT ONCE TO BE RETURNED.

J. J. BUTZER

818 S. W. First Ave., Portland, Oregon

Please forward the following order by (Express) (Parcel Post) (Freight).....

Name.....

Street.....

Post Office.....

R. F. D.....Box.....

State..... Zone.....

Name of Station or Express Office.....

Amount Enclosed, \$.....

Money Order.....

Check.....

Draft.....

Currency.....

Stamps.....

Date....., 193.....

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FROM

Butzer's Seed Store

818 S.W. First Ave.

PORTLAND, OREGON



PERENNIAL FLOWER SEEDS—Continued

*ASTER (Alpinus)

Now fill a most important place in all hardy flower gardens, lighting up the borders and shrubberies with their masses and clouds of dainty and brightly colored blossoms throughout the autumn months up to November, when other flowers are scarce.

Alpinus Goliath—Large, soft blue. Pkt. 20c.

Alpinus Nixe—Light blue, star-shaped. Sold out.

*AUBRIETIA

Large-Flowered Hybrids. The beautiful mauve spring bedding plant makes the garden so gay in the early months of the year. Aubrietias produce great masses of bloom and are charming companions of Yellow Alyssum and White Arabis. Grows well from seed. Sow in June and plant out in autumn where required for flowering in spring. A valuable strain including a wide range of many unusual colors which cannot be fixed and offered separately. Height 6 inches. Pkt. 25c

*AURICULA

These are among our most delightful spring flowers. They require a partially shaded location.

Auricula—6 in. Flowers in early spring in colors of yellow, brown and red. Per pkt. 25c

BABY BREATH (See Gypsophila)

BELLIS—See Daisy

*BOCCONIA

Cordata (Plume Poppy)—5 ft. A handsome border plant, having large lobed heart-shaped leaves with silvery undersurface, and flower plumes of a pretty cream color. Per pkt. 10c

*CALAMINTHA

Alpina—6in. A very graceful little rock plant, spreading tufts of pretty foliage, spangled with lavender blue flowers. Per pkt. 25c

*CAMPANULA (Canterbury Bells)

Bellflower—Well known, beautiful, hardy herbaceous perennials, bearing a great production of attractive bellflowers; thrives best in light, rich soil; some of the varieties flower the first season if sown early.

Single Finest Mixed—All colors. Pkt. 5c

Carpatica—Single Blue, grows 1 ft. high; compact; good for borders. Pkt. 5c

Double Blue, White, Rose or Mixed—Pkt. 10c.

Campanula Calycanthema — Cup and Saucer—Rose (delicately rosy-pink), Pkt. 10c; White (pure white), Pkt. 10c; Blue (a fine clear shade), Pkt. 10c; Mixed (all colors), Pkt. 5c; Striped (white, striped blue), Pkt. 10c.

Persicifolia, Mixed (Peach Bells)—Beautiful bell-shaped flowers which come in colors of blue and white. Pkt. 10c

Pyramidalis, Blue (Chimney Bellflower)—Rich blue saucer-shaped flowers; 18 inches high. Pkt. 10c

Pyramidalis, White—A pure white form of the above. Pkt. 10c

Make your own collection—See page 12

*CANDYTUFT (Perennial)

Dwarf evergreen plants, 6 to 10 in., covered with blooms in spring and early summer. Excellent for rockeries or borders where bright dwarf masses are wanted.

Gibraltarica—Pinkish white. Per pkt. 10c

Sempervirens—Flowers form a sheet of whiteness. Per pkt. 10c

*CARNATIONS

A half-hardy, perennial, used generally for greenhouse florist's trade in winter and for a general garden favorite in summer. There are a large number of varieties and colors, but the early flowering mixtures are recommended for out-of-door culture. Sow the seed early in the year and transplant in March or April.

Chabaud Mixed—A remarkable strain raised by a Carnation specialist. Blooms in 5 months after being sown, and continues to flower indefinitely in the greatest profusion. Pkt., 100 seeds, 15c

Chabaud Double Dark Red. Pkt. 15c.

Chabaud Double Scarlet. Pkt. 15c.

Chabaud Double White. Pkt. 15c.

Chabaud Double Yellow. Pkt. 15c.

Finest Double Mixed—Saved from extra fine flowers. Pkt. 25c

Engleman's—We believe that there is no better carnation than this, over 80 per cent will be double and is a perpetual bloomer. Mixed, per pkt. 25c

*CENTAUREA (Perennial)

A dry, sandy soil of moderate fertility, seems to suit them best, keeping up a profusion of bloom all summer.

Montana Blue—Large-flowered perennial Cornflower. Pkt. 10c

Montana alba—White. Pkt. 10c

*CERASTIUM

Tomentosum (Snow in Summer)—4 in. Silvery white foliage, covered with snow-white flowers in early summer. Per pkt. 15c

*CHEIRANTHUS

Allioni—1 ft. Fine rock or border plant with orange flowers. Pkt. 10c

*CHELONE

Long coral-red spike like a pentstemon.

Hybrida, Mixed (Turtle Head)—3 ft. July and August. Allied to Pentstemon; throws out long spikes of brilliantly-colored flowers. Pkt. 10c

COLUMBINE (See Aquilegia)

COREOPSIS (Tickseed)

One of the most popular hardy plants, the flowers are a rich golden yellow of a beautiful graceful form and bloom June to October.

Lanceolata Grandiflora—2 ft. Large orange-yellow flowers on long graceful stems. About the best yellow cut flower blooming incessantly. Pkt. 10c

COREOPSIS (Double)

Lanceolata Grandiflora Fl. Pl. (Double Flowering Coreopsis)—This now double and semi-double form is just as easy to grow as the single and the extra petalage adds a further charm to the flower. Pkt. 25c

*CRUCIANELLA

Stylosa—Tangled masses of elegant foliage, with crowned heads of light red flowers. Pkt. 15c

*DAISY

Daisy, or Bellis Perennis—Plants of Double Daisy will bloom the first summer and will continue to bloom for years if given slight protection during the winter. They are very pretty when in bloom, and deserve to be grown much more than they are. They commence blooming in April and continue to bloom until summer. They are not very particular as to soil, but should be grown where they have partial shade.

Double Pink. Pkt. 10c.

Double Rose—Finest strain. Pkt. 10c.

Double White—Clear white. Pkt. 10c.

Double Mixed—Shades of rose and white. Pkt. 10c.

SHASTA DAISY

A fine perennial plant bearing large white single blossoms, with yellow centers; an excellent cut flower and admired everywhere. Soak seed in warm water over night before sowing. Pkt. 10c

*DELPHINIUM

Delphinium—Hardy Larkspur. Very decorative border plants ranging in height from the 18-inch Cashmerianum to the stately Hybrids, 5 to 6 feet tall, whose side shoots flower after the main spike has finished, thus prolonging the blooming period. If the flower spikes are removed as soon as they fade, new ones will continue to appear, at intervals all summer. The colors run from pure white to darkest blue. Some varieties have a black center, others show a pleasing contrast, in shades of blue, between the inner and outer petals. Stake all varieties when 18 inches high to prevent them from blowing down.

*Butzer's Portland Hybrids—This mixture is a wonder. The plants are strong and vigorous. The flower spikes are tall and graceful, covered from bottom to top with the most beautiful hollyhock-like flowers. The colors are from the palest lavender to the richest blue, some with white centers, others with black, reminding one of bees at work. Pkt. 15c

Belladonna—Light Blue. 2 feet. Flowers exquisite shade of turquoise blue. Pkt. 15c.

Belladonna—Dark Blue. Pkt. 15c.

Chinese Album—White. Pkt. 5c.

Cardinale—Brilliant Scarlet. Pkt. 10c.

Chinese Dark Blue. Pkt. 5c.

Chinese Light Blue. Pkt. 5c.

Chinese Blue Butterfly. Pkt. 5c.

Finest Mixed. Pkt. 5c.

Nudicaule Scarlet. Pkt. 25c.

PERENNIAL FLOWER SEEDS—Continued

GYPHOPHILA

*EDELWEISS

Leontopodium Alpinum—4-12 in. June-July. The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silver white and star-shaped. Succeeds in almost any soil with full exposure to sun. Per pkt. 25c

*ERIGERON (Flea Bane)

Valuable summer flowering plants with elegant single aster-like flowers, much prized for cutting.

Elatier Speciosus Hyb. Grandiflorus—Large flowers, rich purple. Pkt. 20c

Elatier Grandiflorus.—Rosy. Pkt. 20c.

*ERINUS

Alpinus—Pretty rosettes of foliage and racemes of rosy purple flowers. A first rate rock plant and also invaluable for establishing on old walls or between steps. 4 in. May-June. Per pkt. 35c

*ERODIUM

Manescavi—Handsome dwarf perennial, producing an abundance of small *Pelargonium* flowers, bright crimson-purple, delicate fern-leaved foliage. 18 in. June-Aug. Seeds, 15c per pkt.

*ERYSIMUM

Pulchellum (Fairy Wallflower)—A new dwarf species forming close mats of dark green, later eclipsed with yellow bloom. Sandy soil. Per pkt. 15c

*FOXGLOVE (*Digitalis*)

Digitalis—A hardy perennial, blooming the second year from seed. Grows usually about 3½ feet, although in very rich soil sometimes 6 feet. The bell-shaped flowers are borne on long spikes, and come in shades of purple, lavender, rose and white, all spotted lightly inside the blossoms. Thrives best in cool, shady locations. Fine Mixed. Pkt. 5c, oz., 50c

Gloxiniaeflora. The Shirley—A magnificent strain of the highest beauty, the results of many years of careful re-selection by the Rev. W. Wilks in his famous garden at Shirley; growing 5 to 7 ft. high, the 4-ft. long inflorescences bearing enormous flowers ranging from pure white to the deepest rose, and wonderfully blotched and spotted dark maroon, crimson and chocolate. Pkt. 25c

*GAILLARDIA (Blanket Flower)

Both the annual and perennial varieties of *Gaillardia* are very showy and free bloomers all summer long until frost; good in any situation and easily grown. The individual flowers are of large size, very durable, and most brilliant in color; fine for bouquets. 2 to 3 ft.

*Dazzler—Large flowers up to 5 inches across, bright golden yellow with rich maroon red center, fine for cutting. Pkt. 25c

*Portola Hybrids—The plant is of strong, vigorous, erect habit of growth, from 2½ to 3 ft. high; the stems are strong, and stiff, holding the flowers erect; these are of large size, nearly 4 inches in diameter, the petals being very broad and overlapping, of great substance, and spread out flat, forming a very regular flower; in color a brilliant scarlet with coppery hue which is intensified by the golden yellow with which each petal is heavily tipped. Comes about 50% true from seed. Pkt. 25c

*Stand-Holder—Large flowers, more or less yellow bordered, and with lighter or darker red wings around the center. The petals are broad but occasionally tubular with an inclination to doubleness. Blooms early and the stems are stiff and long. Pkt. 25c

*Grandiflora (Perennial)—A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort. Pkt. 10c, oz. 50c.

*GEUM

Handsome hardy perennials; bloom freely all season; fine for bouquets. 1½ ft.

Mrs. Bradshaw—A brilliant scarlet-cardinal flower the size of a large carnation, which it somewhat resembles. Pkt. 10c

Lady Strathedon—Flowers rich golden yellow. Pkt. 25c

*GLOBULARIA (Globe Daisy)

Shrubby plants for the hardy garden or rockery, producing fluffy balls of blue flowers during the summer. They all require light soil in a warm, sunny position.

Trichosanthes—Dark blue. 12 in. Pkt. 20c.

GYPHOPHILA

Graceful plants of light fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases.

*Paniculata Flore Pleno (Perennial)—A great improvement on the single-flowered type and more lasting, the flowers forming miniature balls of white petals. Not quite fixed, but about 25 per cent come true. The plant is difficult to propagate by division, and seedlings prove much more vigorous. Pkt. 10c

*Repens—Dwarf white, fine for rockery. Pkt. 15c.

*HELENIUM (Sneezewort)

Late-flowering, hardy perennials; broad heads of elegant, golden-yellow flowers; fine for cutting. 5 to 6 ft.

Autumnale superbum. Pkt. 10c.

*HELIANTHEMUM

Mutabile (Rock Rose)—Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. Pale rose changing to lilac then to white. 8-12 in. Excellent for rockeries. Mixed colors. Pkt. 10c

*HEUCHERA (Coralbells)

Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored flowers; most striking in the garden and light and graceful for cutting.

Sanguinea Hybrida Grandiflora—New large flowered hybrids, very fine. Per pkt. 25c

*HIBISCUS (Rose Mallow)

Noble shrub-like plants, with handsome green foliage, bearing throughout summer large bright flowers, from 3 to 5 inches in diameter. Very hardy. Suitable for garden and indoor use when cut.

Golden Bowl—Deep cream, with a velvety maroon center. Pkt. 10c.

Mixed Mallow Marvels—Grand assortment. Pkt. 10c

*HIERACIUM

Villosum (Shaggy Hawkweed)—12 in. July. Plant is covered with a white silkiness effective for its large golden yellow flowers and silvery foliage, suitable for rock work. Seeds, per pkt. 15c

*HOLLYHOCK

A hardy perennial of upright, stately growth, five to eight feet high. The very double varieties are the most desirable, but the newer, semi-double, fringed types are also very popular. Hollyhocks make a fine row in the garden, or a fine background next to a building or high wall or fence.

Allegheny—Mixed. The semi-double, fringed variety. An artistic and pretty sort. Pkt. 15c.

Double Varieties—White, Maroon, Rose, Scarlet, Salmon, Yellow, Crimson, Blood-Red. Each Color, Pkt. 15c.

Newport Pink—The finest pure pink, exquisite shade. Pkt. 10c.

*INCARVILLEA

Grandiflora—Likes a sunny situation, spikes of elegant *Gloxiniaeflora*-like flowers. Finely cut foliage. Pkt. 10c.

*INULA

Ensifolia—9 in. July-Sept. Vigorous plant and a continuous bloomer with large yellow aster-like flowers and rather coarse foliage. Per pkt. 25c.

*LATHYRUS LATIFOLIUS

(Hardy Pea)

Very decorative climbing vines of the Pea family, for growing on fences, trellis, etc., as floral screens and for cutting. Blooms all summer.

Pink Beauty—Pale pink variety. Pkt. 10c.

Rubra—Bright rosy crimson. Pkt. 10c.

White Pearl—Large-flowering white. Pkt. 10c.

Mixed—The above colors. Pkt. 10c.

***LINARIA (Toad Flax)**

Showy free-flowering plants of a trailing habit. Good for borders, window boxes or rockeries.

Cymbalaria (Kenilworth Ivy)—3 in. Dainty lilac and orange; flowers throughout summer; trailing habit. Per pkt. 10c

Dalmatica—The dainty flowers resemble those of snapdragon, bright yellow with orange lip. Pkt. 25c

LINUM (Flax)

***Perenne Blue**—May-Aug. 2 ft. Has dainty sky-blue flowers on graceful arching stems. Blooms short lived but are produced continuously in such profusion it creates the effect of blue sheen over the plant. Per pkt. 10c

***LUPIN (Perennial)**

Most beautiful hardy border plants producing tufts of soft green foliage, from which arise in continuous succession the stately spikes of bloom.

Polyphyllus (Old-fashioned Garden Lupin)—Blue. 3 ft. Stately spikes of blue, flowers all summer. Pkt. 10c

Albus—Large pure white spikes. Pkt. 10c.

Roseus—4 ft. Light and dark rose flowers on long stem; fine for cutting. Pkt. 10c

Mixed—Splendid value. Pkt. 10c.

***LYCHNIS**

Alpina—Close tufts, olive green foliage, clusters of rose colored flowers. Sold out.

NEPETA

These little plants give clouds of bright blue flowers all summer. Makes a fine permanent edging and an excellent rock plant.

Mussini—May-September. Light blue. 1 ft. Pkt. 10c

***OENOTHERA**

These open their flowers in the evening and one can enjoy a thrill in his garden if he will sit for 15 minutes at twilight and watch the Evening Primroses (*Oenothera*) drop their calyx and unfold their petals. We have had a plant in our garden. The buds are closed when we start the hose going, but before we get through, presto! a wealth of large golden blooms greets us and bids us "good night."

Lamarckiana Evening Primrose, Mixed— $\frac{1}{2}$ to 2 ft. Neat plants, with large, saucer-shaped flowers, white or golden-yellow; open at dusk; emit a delightful perfume. Pkt. 10c

Missouriensis (Macrocarpa)—1 ft. Long trailing stems with large yellow flowers. Pkt. 10c

***PENTSTEMON (Beard Tongue)**

They are very showy, growing from 2 feet to 4 feet high, are rather bushy and have very long, slender spikes which bear many trumpet-shaped flowers with hairy throats from whence the name "Beard Tongue" comes.

"Sensation."—As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 30 inches high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Pkt. 15c

Grandiflora Mixed—A splendid mixture of free flowering sorts in a good range of colors. Pkt. 10c

***PHLOX (Hardy)**

(*Decussata*.) Perennial varieties mixed from a celebrated collection. Seed slow in germination and may not sprout in a year. Pkt. 10c

***PINKS (Hardy)**

These very desirable sweet-scented, low-growing, early-blooming and free-flowering Hardy Garden Pinks are unequalled for the borders of beds, drives, and the old-fashioned garden and should be planted in quantity in any good garden soil with full sun and an open situation.

Allwoodii—A new race of hardy plants belonging to the *Dianthus* family. It makes an ideal pot plant. The flowers are about 75 per cent double and appear in all colors except yellow. The single flowers are quite as handsome as the double and have the advantage of making larger clusters. It is exceptionally hardy, commencing to flower in early spring and continuing through summer and fall. Pkt. (25 seeds) 50c

Caesius (Cliff Pink)—Flowers delicate rose color, fragrant, 1 ft. or less. Seeds, per pkt. 25c

Deltoides (Maiden Pink)—6 in. Beautiful little plant with narrow leaves, with a profusion of small flowers during July and August. Per pkt. 25c

***HARDY PERENNIALS or CLOVE PINKS**

Hardy Perennials, or Clove Pinks (Plumarius)—Scotch or Grass Pink. When treated like an annual, if seed is sown in March, the plants will bloom the first year. The delicately fringed, variously colored flowers are fragrant, attractive and fine for bouquets. Pkt. 10c

POPPIES PERENNIAL VARIETIES

Perennial poppies do best in rows one and one-half feet apart and one foot apart in the row. Seed may be sown outdoors either in spring or fall.

Alpine Mixed—6 in. A charming miniature poppy with brilliantly colored flowers including white, pink, apricot, yellow or orange-scarlet, etc. Useful for rock-work. Per pkt. 35c

Oriental Hybrids Mixed—A choice mixture of Oriental Poppies in shades of white, salmon, orange, scarlet and crimson. Per pkt. 10c

Oriental Scarlet—Pkt. 10c.

We do not furnish seed of the opium poppy.

Nudicaule (Ice land Poppy)—15 in. Mixed. Elegant free flowering plants bearing flowers in abundance all summer. Pkt. 10c

Nudicaule Yellow, Orange, White—Any color. Mixed, pkt. 10c

***PRIMULA (Primrose)**

Exceedingly fine, free flowering plants for both bedding and greenhouse use, producing clusters of brilliant colored flowers indoors from November to May; hardy varieties continually in bloom.

Primula Malacoides (Baby Primrose)—This variety is extensively grown for winter blooming. The small lavender-pink flowers are borne in great profusion. Pkt. 15c; 2 pkts. for 25c

Primula Malacoides Mixed—Pkt. 15c, 2 for 25c.

Veris Polyanthus Mixed—An extra choice large flowered mixed strain. Pkt. 10c

Veris Acaulis Mixed—Pkt. 10c.

Vulgaris (English Primrose)—Canary yellow, fragrant. Pkt. 15c

Japonica Mixed—Several superimposed whorls of flowers on stems. 8-24 in. high. June. Per pkt. 15c

PYRETHRUM

Aureum (Golden Feather)—Dwarf plants with bright yellow foliage extensively used for edging; usually grown as an annual. Pkt. 5c; $\frac{1}{4}$ oz. 20c

Hybridum Double and Single Mixed—Large, daisy-like flowers ranging in colors from light pink to deep red; bloom in spring and fall; height 2 feet. Hardy perennial. Mixed. Pkt. 10c

Pyrethrum—White. Pkt. 10c. Red. Pkt. 10c.

***ROMNEYA**

Coulteri (California Tree Poppy)—5 ft. Flowers all summer. Beautiful snowy white efragrant flowers. Pkt. 15c

***SAPONARIA**

Ocymoides Splendens—6 in. A showy draft trailing plant, producing a sheet of vivid crimson flowers. June-August. Per pkt. 10c

***SAXIFRAGA (Megasea)**

These will thrive in any kind of soil and in any position; grow about 1 ft. high and are admirable for the border of shrubbery, forming masses of handsome, broad deep green foliage with pretty rose-pink flowers which appear very early in the spring.

Decipiens Grandiflora—Masses of white flowers. 18 inch. Per pkt. 25c

Rhei Superba—Rose. 12 in. Pkt. 25c

***SCABIOSA (Perennial)**

***Caucasica Alba**—White. Pkt. 10c.

Caucasica Perfecta—Light blue flowers, long stem; fine for cutting. 18 in. June-October. Seeds, pkt. 15c

Caucasica New Hybrids—A collection of new shades in this well-known perennial family. Per pkt. 25c

***Columbaria**—This is a novelty from South Africa. There is a decided place for this in your Perennial list. It is hardy, low growing, with a fine light green foliage. Some of the flowers measure two and a half inches across, with short compact petals, borne on long slender but strong stems. We offer this in two colors, lavender and pink. Per pkt. 25c

***SILENE (Catchfly)**

Useful plants for front row of herbaceous border, bearing quantities of bright flowers.

Schafta—4 in. July-October. Bright rose; one of the best Autumn border plants. Per pkt. 15c

BUTZER'S GIANT PANSIES

We have discarded the ordinary Pansies in separate colors in favor of these, which produce very large flowers, plants of strong robust growth, and well adapted to the conditions of our climate.

Pansies are too well known to require any description, as they are favorites with all. For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders, which accounts for the difference in the price of the various mixtures offered.

Sow Pansy seed in August or September, in fresh, moist soil, cover lightly and press seeds in with a board. Keep the bed moist by watering, and if the weather is hot and dry by mulching with straw or by shading with cloth. The seeds will germinate in about two weeks, when the straw or cloth should be removed. In from four to six weeks, transplant to a slightly raised bed, setting the plants about 3 inches apart each way. Protect during winter with straw or leaves, and transplant to desired location early in the spring. Seed may be sown in the open ground in the spring as soon as soil can be fitted.

BUTZER'S OREGON GIANT PANSY MIXTURE

A mixture of pansies unrivaled for diversity of coloring and markings.

This mixture is made up from the finest named varieties grown by a pansy specialist.

Per pkt. 10c; 1/4 oz. 75c; 1/2 oz. \$1.25; oz. \$2.00

SWISS GIANTS

A truly magnificent new strain of Giant Pansies, more beautiful than any others we have ever seen. It produces well rounded, compact plants which are literally covered with immense, heavy blossoms of remarkable substance and texture. The range of color is simply remarkable and by far the majority of plants bear heavily ruffled and crinkled blooms, carried on long stiff stems. Pkt. 25c; 5 pkts. \$1.00; 1/16 oz. 90c; 1/4 oz. \$2.50; 1/2 oz. \$3.50; oz. \$6.00.

BUTZER'S ROSE CITY GIANTS

The plants distinguish themselves by their robust growth, and form compact bushes of round shape, with strikingly large, healthy looking foliage.

The imposing five-spotted flowers which on long, vigorous stalks surmount the foliage in the most graceful manner, are of enormous size, perfectly round form, original structure and unusual substance. The individual petals are exceedingly broad and cover each other in such a manner as to make the flowers appear almost double. With most of the flowers the border of every petal being conspicuously undulated and curled, which grants the flowers a striking and very peculiar appearance, entirely new to this class of plants.

The beauty, brilliancy and richness of color being the most striking; also very rare and new tones of red and brown are met with in these flowers.

Butzer's Rose City Giant Pansies

Per pkt. 25c; 5 pkts. \$1; 1/16 oz. \$1; 1/4 oz. \$3; 1/2 oz. \$5; 1 oz. \$8.

Maple Leaf Giant Mixture—A distinct variety by Vaughan introduced two years ago. It is quite different to other types. The leaves are of giant size and the flowers are 4 to 5 inches across, under good cultivation. Of wonderful substance and fine form. Many charming colors are included. This has been a prize winner whenever shown. Pkt. 25c

Swiss Alpenglow—The color is of a rich velvety garnet with three dark blotches. A most striking and attractive color. Pkt. 25c

Swiss Blue (Ullswater) (Thuner Sea)—The coloring is unusual and attractive. A solid blue flower with a blue black center. Pkt. 25c

Swiss Yellow—Of the true Swiss type. Rich yellow with blotches on the three lower petals. Pkt. 25c

BUTZER'S PANSIES

Adonis—Light blue with white center. Pkt. 10c
Atrosanguinea—Deep blood red. Pkt. 10c
Auricula-Flowered—Fine shades. Pkt. 10c
Aureola—The lower three petals of rose, carmine or purple-red ground-color, with very effective large dark spots; the upper two petals of lighter coloring, whitish to yellow, with rose to dark red border; a charming mixture of colors. Pkt. 10c
Aurora—Brilliant purplish-crimson, with white margin; very effective. Pkt. 10c
Black With Gold Bronze—Very fine. Pkt. 10c
Cardinal—Very large bright red, beautiful. Pkt. 10c
Crimson King—Splendid. Pkt. 10c
Cassier, Bridesmaid—Charming apple blossom tints. Pkt. 10c
Cassier—5 spotted golden-yellow, extra fine. Pkt. 10c
Cassier Hortensia—Red, new, beautiful color. Pkt. 10c
Coquette de Poissy—Rosy light blue. Pkt. 10c
Diana—Cream-colored, distinct. Pkt. 10c
Emperor Frederick—Flowers deep, rich purple, shaded golden; center golden-bronze; margin scarlet and yellow. Very charming. Pkt. 10c
Emperor William—Extra fine. Rich, metallic blue, blotched. Pkt. 10c
Fairy Queen—Light blue, edged white. Pkt. 10c
Fire King—Red with black blotches. Charming. Pkt. 10c
Freya—Violet-purple, silver edged. Pkt. 10c
Gold-Margined—Very fine. Pkt. 10c
Havana—Brown; beautiful. Pkt. 10c
Indigo-Blue—Magnificent. Pkt. 10c
King of the Blacks—Very dark. Pkt. 10c
Lord Beaconsfield—Deep purple violet, shading to white. Pkt. 10c

Lulu Perret—Flowers large, bronze-yellow, with dark center. Pkt. 10c
Madame Perret—Large-flowered red-marbled shades, pretty. Pkt. 10c
Mauve Queen—Rosy lilac, pretty. Pkt. 10c
Mercury—Deep black-purple-red, beautiful. Pkt. 10c
Meteor—Fiery brown. Pkt. 10c
Nigra—Black, very beautiful. Pkt. 10c
Odier—5-spotted white. Flowers extra large, perfectly round and exceedingly attractive; the most beautiful of all white pansies. Pkt. 10c
Orange King—Dark orange. Pkt. 10c
Orchid (Cattleya)-flowered Almond-blossom—Delicate rose. Pkt. 10c
Orchid (Cattleya)-flowered "Sunlight"—Bright yellow, with distinct red-brown spots. Pkt. 10c
Peacock—Flowers large, peacock-blue, with white edge, very fine. Pkt. 10c
Prince Henry—Flowers very large, intensive dark blue, with 3 black-blue blotches. Pkt. 10c
Pretiosa—Large-flowered curled five blotched, violet on carmine-crimson ground, with broad white border, very pretty. Pkt. 10c
Quadricolor—Beautiful blending of colors, blue, red and white, with clear edge. Pkt. 10c
Raphael—Light blue, blotched and veined dark violet. Pkt. 10c
Rosy Lilac—Very pretty. Pkt. 10c
Rubra—Splendid red varieties. Pkt. 10c
Snowflake, Snow Queen (candidissima)—Delicate pure white. Pkt. 10c
Striped—Pkt. 10c
Violet—Black-blue. Pkt. 10c
Victoria—Magnificent red. Pkt. 10c
Violette borde blanc—Violet, white margined. Pkt. 10c
Vulcan—Very large, brilliant dark red, with 5 black blotches. Pkt. 10c
White With Eye—Pkt. 10c
Yellow With Dark Center—Pkt. 10c
Yellow (Golden Queen)—Pure yellow, very fine. Pkt. 10c

***SOLIDAGO (Golden Rod)**

Virgo-aurea Alpestris—Yellow. 10 in. Spring.
Per pkt. 15c

***STATICE (Sea Lavender)**

Pretty plants for the summer garden in beds or borders; good for rockwork also; much valued when dried as Everlastings for winter bouquets. 1 to 2 ft.

Latifolia—Purplish blue. Pkt. 5c.

Latifolia-Caspia—Very graceful—Lilac. Per pkt. 15c.

Perezii—Deep blue. Per pkt. 25c.

Sinuata Blue. Pkt. 5c. **Sinuata Lavender**. Pkt. 5c.

Sinuata Rose. Pkt. 5c. **Sinuata Yellow**. Pkt. 5c.

Sinuata White. Pkt. 5c. **Sinuata Mixed**. Pkt. 5c.

Butzer's Spencer or Orchid Flowering Sweet Peas

The Spencers offered here have all proved their merit and represent the cream of the best varieties and a wide range of colors. They are our selection from a long and confusing list of many hundreds of varieties.

All Named Varieties—Pkt. 10c; 8 pkts. your selection for 50c; oz. 25c; ¼ lb. 75c; lb. \$2.50, postpaid.

Fall Planting—Sweet peas may also be started in October, November and December, planting four to six inches deep; give them slight protection and they will become well rooted and grow off at the first opening of spring and produce an abundance of blooms earlier and for a longer season than spring plantings.

Gather sweet pea blooms frequently; the more you cut them the better and longer they bloom.

BUTZER'S "ROSE CITY"**SWEET PEA
COLLECTION****25c Postpaid**

This Collection Contains One Package
Each of the Following—All
Giant Spencers

BLUE

Blue Bird—A fine blue summer glow-variety of large size and rich coloring. The flowers are very much waved.

CREAM PINK

Fluffy Ruffles—A new type with large double and ruffled blooms of a most beautiful light cream pink color.

DEEP CERISE

Fiery Cross—Deep cherry red, standard, suffused orange. Rich cherry orange wings.

LAVENDER

Austin Frederick Improved—The color is a pleasing shade of bright lavender.

ORANGE

Colorado—A shade of orange that will please on account of its richness and brilliance of large well placed blooms.

SCARLET

Huntsman—A bright shade of scarlet, really a wonderful bit of color. Perfectly sun-proof and of largest size. An outstanding English novelty.

25c FOR THIS COLLECTION**BUTZER'S SPENCER or ORCHID-
FLOWERED SWEET PEA MIXTURE**

This popular mixture is planted each year by thousands of our customers who like to have a showy row of Sweet Peas. This mixture contains the very best of the named Sweet Peas as well as some of the unnamed. We believe that it is the very best mixture that can be made, and we know that it will surely be a delight to you and also to your friends. All of the leading colors are represented. Plant them this fall. Price per pkt. 5c; oz. 15c; 2-oz. 25c; 4-oz. 50c, postpaid

***SWEET WILLIAMS**

Dianthus Barbatus—A well-known attractive, free-flowering, hardy perennial, producing a splendid effect in beds and borders, with rich and varied flowers. The demand for separate colors has induced us to offer this season several of the best and most distinct flowers.

Dark Crimson. Pkt. 5c.

Pink Beauty. Pkt. 5c.

Scarlet Beauty. Pkt. 5c.

Double White. Pkt. 5c.

Double Mixed. Pkt. 5c.

Single Mixed. Pkt. 5c.

**Sweet Peas
Giant Spencer****PRICE: Per Pkt. 10c.****8 Pkts. your selection for 50c.****Per 1 oz. 25c, Postpaid**

AMERICA—Red flake. white ground.

AUSTIN FREDERICK IMPROVED—Giant lavender.

BARBARA—Salmon.

BLUE BIRD—Real Blue.

BRILLIANT ROSE—Bright tyrian rose.

CHARITY—Scarlet crimson.

COLORADO—Bright orange.

CRIMSON KING—Rich deep crimson.

DAFFODIL—Deep cream.

DAISYBUD—Deep apple blossom.

ELEGANCE—Giant blush pink.

ELFRIDA PEARSON—Giant shell pink.

FIERY CROSS—Bright red orange cerise.

FLUFFY RUFFLES—Rich rose pink duplex.

GIANT WHITE.

GLORIOSA—Orange scarlet.

GOLD CREST—Orange tinted salmon.

HAWLMARK CERISE.

HAWLMARK LAVENDER—Clear light lavender.

HAWLMARK PINK—Rose pink shaded salmon.

HELEN LEWIS—Standard orange, wings salmon.

HERCULES—Giant pure pink.

HUNTSMAN—Bright scarlet.

KING WHITE—Large pure white.

MARGARET ATLEE—Rosy salmon buff.

MARY PICKFORD—Dainty cream pink suffused salmon.

MISS CALIFORNIA—Orange salmon, cream pink.

MRS. TOM JONES—Best azure blue.

MODEL—Large white.

OLYMPIA—Rich purple.

PINKIE—Large rose pink.

R. F. FELTON—Lavender.

ROBERT SYDENHAM—Bright orange salmon.

ROYAL PURPLE—Rich purple.

ROYAL SCOT—Glowing scarlet cerise.

SENATOR—Chocolate flake.

SUNSET—Bright rose, amber ground.

TANGERINE IMPROVED—Orange.

THE PRESIDENT—Dazzling orange scarlet.

VALENTINE—Shell pink.

WARRIOR—Giant maroon.

WHAT JOY—Cream.

WONDERFUL—Salmon red.

YOUTH—Large white, pink picotee.

★TUNICA

Saxifraga—A pretty tufted plant with light pink flowers, produced all summer. Useful either for the rockery or the border. Per pkt. 15c

★VERONICA (Speedwell)

Among the prettiest of herbaceous plants, bearing in most cases blue flowers, which are much needed.

Prostrata Mixed—Blue and white. Trailer. June-July. Per pkt. 25c

VIOLA (Sweet Violet)

Bosniaca—Free-blooming, small deep purple flowers. Pkt. 25c

Florariense—This variety forms large compact plants producing a continuous profusion of bloom for a long period, considerably longer than other Violas. The flowers are a very pleasing shade of pale lavender. The plants continue to throw up flowers long after other varieties are withered up. Splendid rock garden plant. Pkt. 35c

Gracilis—Dark Violet Blue—Very free blooming new variety. Flowers same size and color as the Sweet Violet. Can be used in rock gardens in place of Viola Jersey Gem which it resembles. Pkt. 35c

Gracilis Lord Nelson—Glowing violet-purple. 6 in. April-August. Pkt. 35c

Johnny-Jump-Up or Viola Tricolor—The probable ancestor of the pansy, whose native habitat is the cooler parts of Europe, has long been known to us as the ladies' delight, or none-so-pretty of our grandmothers' gardens and is still a precious possession, even though we have to weed out the plants where they take possession and crowd out more delicate kinds. They make a braver show than their aristocratic relative, the viola, which does not always survive our Winter changes, and if allowed to seed will carpet the rose or iris bed with a sheet of tiny flowers facing the sun in May. They are persistent bloomers and one may even find blossoms on some plant in mid-winter, although the stems are then hardly long enough to pick. Purple, blue and yellow are the three colors that give them their name and the combinations are variable; sometimes there will be a yellow blossom and below it on the same stalk one of yellow and blue. Pkt. 25c

VOILET (Viola Odorata)

No garden is complete without a nice bed of violets. They bloom ahead of other flowers, and their fragrance is delightful. They will thrive in shady places and therefore can be planted where other plants will not do well. A violet bed around the foot of a big shade tree is very attractive. Provide good rich soil and after you once get a bed established you can get any number of plants by dividing the roots. Hardy perennial. Pkt. 10c

VIOLA CORNUTA

"Tufted Pansies"—The flowers are not so large as regular pansies but bloom so freely that for bedding effect they are unsurpassed. The colors are distinct and they also bloom for a long time.

Blue Perfection—Deep bright blue. Pkt. 15c.

Jersey Gem—Forms a large, compact plant, producing a continuous profusion of bloom for a very long period. The flowers are a very pleasing shade of deep violet-blue, with an occasional very slight variation in tint, and may be relied upon to come about 70% true from seed. A great feature of this fine variety is its wonderful power of resisting drought, the plants continuing to throw up flowers long after other varieties are withered up. Pkt. 25c

Purple—Pkt. 15c; Mixed—Pkt. 10c.

WALLFLOWER

Wallflowers should be better known. Their adaptability for pot culture and out-door bedding and the peculiar sweet fragrance of their flowers should win favor. The oriental coloring of the flowers in their rich reds and yellows is very effective. They are easily grown and last long as cut flowers.

Single Finest Mixed, Pkt. 5c

DOUBLE TALL BRANCHING WALLFLOWER

Double Tall Branching. Finest Mixed—Fragrant, 3 feet. Per pkt. 10c

★BUTZER'S PERENNIAL FLOWER GARDEN

We have made up a mixture of the most showy and easily grown perennials. As a great many of our customers do not care for the names of the different varieties but want a lot of flowers the whole season, with this in mind we have made up this mixture. Under ordinary gardening methods, the planter may expect quite a surprise at the great display of beautiful flowers. Try a package on our say-so.

Large Package, 15c, 2 for 25c; oz., 50c, postpaid

FLOWER SEEDS For Rock Garden

We do not have all but most of them

Alyssum Saxatile	Heuchera Sanguinea
Compactum	Hybrida
Anemone Pulsatilla	Hieracium Villosum
Aquilegia Alpina	Inula Ensifolia
Aquilegia Coerulea	Linaria Cymbalaria
Arabis Alpina	Lychnis Alpina
Armeria Formosa	Oenothera Missouriensis
Armeria Formosa	Poppy Alpine
Hybrida	Poppy Nudicaule
Armeria Lauchiana	Poppy Mixed
Armeria Maritima	Poppy Sunbeams
Arenaria Montana	Poppy Double Mixed
Asperula Odorata	Primula Japonica
Aster Alpinus,	Mixed
Goliath	Primula Veris
Aster Alpinus, Nixe	(Polyanthus)
Aubretia Bougainvillei	Primula Yellow
Auricula	Pyrethrum Roseum
Calamintha Alpina	(Painted Daisy)
Campanula Carpatica	Pyrethrum Hybridum Grandiflorum
Campanula Carpatica Alba	Pyrethrum Album
Campanula Alba	Pyrethrum Carneum
Candytuft Semper-virens	Pyrethrum Roseum
Cerastium Tomen-tosum	Pyrethrum Atro-singueum
Crucianella Stylosa	Pyrethrum Single Mixed
Dianthus Caesius	Saponaria Ocy-moides
Dianthus Deltoides	Saxifraga Decipiens
Dianthus Plumaris	Grandiflora
Edelweiss	Saxifraga Rhei
Erigeron Speciosus	superba
Hyb. Grandiflorus	Silene Shafta
Erigeron Grandiflorus Elatior	Solidago Virgo-aurea Alpestris
Erinus Alpinus	Tunica Saxifraga
Erodium Manescavi	Veronica Incana
Erysimum Pulchellum	Veronica Prostata mixed
Forget-Me-Not Alpestris	
Forget-Me-Not Alpestris Rosea	
Geum	
Geum Mrs. Bradshaw	
Geum Lady Stratheaden	
Globularia Trichosanthes	
Gypsophila Repens	
Helianthemum Mutabile	

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HERE IS A BOOKLET YOU SHOULD HAVE

It is called

BETTER GARDENING

of 64 pages which tells you what, when and how to plant. A complete handbook of suggestions for the home gardener.

10c or 12c postpaid

BUTZER'S FANCY LAWN GRASS SEED

It is the easiest thing in the world to grow a beautiful lawn. There is nothing that gives quicker growth and a thicker sod than Butzer's Fancy Lawn Grass Mixture. It produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm, elastic turf, and is often ready for mowing four weeks from sowing. This Lawn Grass is composed of a combination of various native and foreign, fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained from Spring to Winter, year after year, and without burning brown in Summer.

Whether you want to seed a small grass plot in your yard or a lawn of more pretentious size, you should use Butzer's Fancy Lawn Grass Seed. Sow 1 lb. to 400 square feet. Price per lb. 50c, postpaid

BUTZER'S SHADY LAWN GRASS SEED

For sowing on the north side of buildings, between houses, and for securing a lawn under large shade trees

In many lawns there are places which seem as if nothing can be grown; some are shaded by large trees and others by buildings. For these locations we have offered for some time our Butzer's Shady Lawn Grass Seed, which readily meets the desired requirement. Price per lb. 60c, postpaid

CREEPING BENT GRASS

(*Agrostis Stolonifera*.) Distinctive on account of its compact, creeping, rooting stems. Of rapid growth and spreading habit, forming a strong, durable turf. Good for lawns and putting greens because of its fine texture. If sown alone, use 50 lbs. to the acre. Write for price.

SEASIDE BENT

The long creeping stems and spreading habit of this splendid grass make it ideal for Putting Greens; it makes a lasting turf that withstands hard usage.

The leaves are fine and it develops a dense growth, making it valuable. Write for price.

CHEWING FESCUE

A low-growing grass, fine leaved, forms a close turf that prevents ingress of weeds, permanent in all kinds of soils, even the lightest and driest; unexcelled for lawns and golf courses when properly grown. Write for price.

Crested Dog Tail—(*Cynodurus cristatus*)—A valuable addition for lawn grasses which require close cutting and an adaptability to resist tramping, as in golf links, etc.; about 21 pounds to the bushel. Write for price.

Canadian Blue Grass—(*Poa compressa*)—Recommended in all pasture mixtures on dry soil; thrives well on clay or hard trodden and poor soil. Sow 28 pounds per acre. Write for price.

Kentucky Blue Grass—(*Poa pratensis*)—As is well known, this is the grass for which the State of Kentucky is famous. Although it is preeminently a pasture grass, it is frequently used in making lawns. When Kentucky Blue Grass is used for lawn purposes, the seed is generally sown at the rate of 30 to 40 lbs. to the acre. If White Dutch Clover is desired, this seed should be added at the rate of about ½ pound to every 15 pounds of grass seed. Write for price.

Red, or Creeping Fescue (*Festuca rubra*.)—Red Fescue is adapted to about the same general climatic conditions as Blue Grass and can be grown as far northward as any agriculture is possible. Its leaves are bright green and the plant does not grow in tufts but creeps by underground stems, so that one plant may eventually cover a circle two to four feet in diameter. It is used mainly as a lawn plant. On sandy or gravelly soil it makes exquisite lawns. It will withstand more shade than most grasses and is therefore valuable for shady lawns. Write for price.

Rough Stalked Meadow Grass (*Poa Trivialis*)—A grass which deserves much greater popularity and should be better known as it is an ideal shade grass in the Northern half of the United States if it can have enough moisture. This grass is a perennial closely related to Kentucky Blue Grass but somewhat finer and softer. It has a splendid apple-green color and is a creeper. Sow in Fall or Spring, at rate of 1 lb. to every 300 square feet. Write for price.

Red Top (*Agrostis Vulgaris*)—A good perennial grass for permanent lawns and pastures. Does best on moist marshy land. If not overflow land, it is advisable to mix it with Meadow Fescue, Orchard Grass or Alsike Clover. Sow hulled seed 14 lbs. to the acre.

Wood Meadow Grass—(*Poa nemoralis*)—In the Northern and Middle States this is the best of all lawn grasses for deep shade. Very hardy and a perennial. Its creeping roots establish a lasting, even and deep green turf. On dry rich soil it makes good pasture and hay, but is usually too expensive to sow. Sow in spring, 30 to 35 lbs. per acre. (14 lbs. to the bushel.) Write for price.

All of these grass seeds are governed in value by regular market quotations, and their values are subject to frequent changes, quite as much so as grain; and for this reason it is impossible for me to quote prices here which will hold good for the season. But would be pleased to give quotations on any seeds you may need.

BRUSH PASTURE MIXTURE

The modern farmer and stockman does not dig grubs and stumps from brush lands; the expense of muscle and money is too great to warrant the cost. After the wood from such lands has been cut and sold, he seeds the field to tame grasses and clovers which soon take possession of the soil, when it is pastured with sheep, horses and other stock. During the time of pasturing the roots and stumps will decay and thus the brush lands are made profitable from the beginning at very low cost. Write for price

GRASS AND FIELD SEEDS

Our Grass Seeds are purchased by us from the best possible source for reliability. Owing to the frequent fluctuation of the market, we cannot quote prices. Write us for prices.

Alfalfa, Grimm	Orchard Grass
Alfalfa, Dry Land	Red Top
Clover, Ladino	Reed Canary
Clover, White	Rye Grass
Clover, Medium Red	Timothy
Clover, Mammoth Red	Meadow Fescue
Clover, Alsike	Sheep Fescue
Clover, Sweet	Mesquite
Canadian Blue Grass	Millet
Kentucky Blue Grass	Tall Meadow Oat
Creeping Bent	Wood Meadow
Crested Dogstail	Pasture Mixture
Chewing Fescue	Vetches
Bromus Inermis	Rye
	Oats

We Do Not Sell Wheat or Barley for Seed.

NATURE SOWS HER GRASS SEED
IN THE FALL

OREGON-GROWN ROSE BUSHES—"The World's Best"

Each 35c; 3 for \$1.00; 12 for \$3.00, Postpaid. Two-Year-Old Field Grown

American Beauty (H. P.)—One of the largest, sweetest and best; rich, rosy crimson, shaded and veined in a most charming manner.

Aspirant Marcel Rouyer—Long shapely bud that develops in a good sized, substantial double flower with heavy shell-like petals. Color, deep apricot, tinted red at center, reverse of petals shaded salmon-flesh with deep yellow veinings at the base.

Augustus Hartman (H. T.)—Brilliant red flushed with orange. Very large well formed flowers with high pointed center.

Austrian Copper (Rosa foetida bicolor)—Species. Rather more slender in growth than most of this group, reaching 4 to 5 feet. The wiry stems are covered in early summer with garlands of single flowers, vivid copper-red on the inner surface of the petals and bright yellow on the outside. Spectacular and of great interest.

Betty (H. T.)—Beautiful coppery-rose color, over-spread with golden-yellow; fragrant.

Cuba (H. T.)—As a bedding rose for brilliant mass effect we know of nothing that will equal this French introduction and although the flowers are semi-double, they possess a charm and brilliancy in color which is an entirely new tone in roses, a glorious bright vermilion-scarlet overlying an orange ground. This color combination is so intense that in full sunlight it glistens with an iridescent sparkle. A vigorous grower with dark green foliage which makes a splendid foil for the masses of richly colored blooms that it produces from spring to late fall.

Chateau de Clos Vougeot (H. T.)—A very rich, fiery scarlet shading to deep velvety crimson. It is delightfully fragrant, a prolific and continuous bloomer.

Cheerful (H. T.)—Large, full flowers of perfect shape and form, with enormous individual petals and grand general character. Color, rich orange flame over-spreading the petals to a distinct orange yellow base.

Columbia (H. T.)—This beautiful rose is of strong, vigorous habit of growth and exceptionally free-blooming. The flowers, which are of good size, are perfect in form, both in bud as well as when fully expanded. In color it is a most pleasing shade of rose-pink and delightfully fragrant.

Constance (H. T.)—Rich orange yellow, distinctly streaked and splashed with crimson, long pointed buds; free bloomer.

Countess Clanwilliam (H. T.)—A distinct and charming rose, producing flowers in great abundance. Color delicate peach pink, petals flamed and edged with deep cherry red. Long pointed buds opening to large full flowers. Of strong, vigorous habit.

Crimson Emblem (H. T.)—A superb new Irish rose of a rich and glorious crimson color heavily shaded maroon. Buds and flowers of superb form, of fine size and produced on fine long stems, admirably adapted for cutting. Wonderful mildew-proof foliage.

Dame Edith Helen—A magnificent, fragrant, full-bodied new rose of many substantial petals which curl back prettily, holding steadily to one vivid pink color, and that the rare Rose du Barri shade.

Donald MacDonald (H. T.)—Orange-carmine, semi-double flowers of medium size; perfumed. Blooms in sprays; compact growth.

Doris Dickson—Exquisitely formed medium-sized flowers, the base color of which is orange cream, but so heavily veined and pencilled with deep brilliant cherry that it is impossible to adequately describe the unique coloring. Growth vigorous, very free flowering, and extremely fragrant. A variety that is sure to become a favorite.

Dorothy Page Roberts (H. T.)—Coppery pink, suffused with apricot yellow, very free and perpetual, a delightful garden rose.

Duchess of Wellington (H. T.)—Intense saffron yellow stained with rich crimson which as the flower develops, becomes deep coppery saffron yellow. Delightfully fragrant.

Earl Haig—A type rare among red roses, and so of obvious interest to the selective buyer. Outside of its fragrance, freedom and unfading cherry-crimson color, the thick rolling petalage, and permanent high-built center, fix its superiority over less compact varieties.

E. G. Hill—Here is the finest new red rose in several years, with immense flowers of very lasting, dazzling scarlet, never fading or turning blue, but actually becoming deeper red as it opens. The flowers are borne on long stems, and are deliciously fragrant. The foliage is abundant.

Eldorado (Land of Gold) (H. T.)—Of free flowering habit and fragrance, in color it is of the golden yellow that is peculiar to the climbing rose Marechal Niel.

Etoile de France—This famous French Rose probably needs no extended description, for it is already quite well and favorably known. Flowers globular, very full and lasting, borne on stiff stems, well above the foliage. Color deep velvety crimson of much richness and brilliancy. Remarkable for its strong growth and free blooming qualities.

Etoile De Feu (H. T.)—Very attractive large substantial globular buds expanding to large, cupped, full to centre flowers, of a rich flaming orange-pink with flame colored shadings, borne profusely throughout the season. The plant is of vigorous free habit.

Evening Star (H. T.)—Medium size bud, large, full, double, globular, slightly fragrant, golden yellow, shaded apricot, free bloomer, vigorous grower.

Florence Pemberton (H. T.)—Large, full flowers, beautifully formed; creamy-white, suffused pink, particularly in center.

Frau Karl Druschki (H. P.)—The white American Beauty. Makes splendid buds and immense flowers; perfectly double.

Fontanelle (H. T.)—One of the very largest hybrid teas, with remarkable size to the rounded petals. The color is a rich, clear yellow naturally deeper towards the center, particularly strong toned during cool weather. A stronger grower than most yellow varieties.

General MacArthur (H. T.)—Dazzling crimson scarlet; delicious perfume and magnificent foliage. Blooms in great profusion.

General Jacqueminot (H. P.)—Rich, velvety crimson, changing to scarlet crimson. A magnificent rose, equally beautiful in the bud state or open.

Golden Emblem—A grand new Irish rose of ideal habit of growth, with holly-like, glossy green foliage, each stem bearing a glorious golden yellow flower of the finest form. The peer of all yellow roses.

Golden Ophelia—Rich golden-yellow flowers in greatest freedom on stout, wiry stems, clothed with glossy, dark green foliage. Especially well adapted for cutting and personal adornment.

Grange Colombe (H. T.)—Large creamy white, with salmon and fawn centers. Plant very sturdy.

Grus an Teplitz or Virginia R. Coxe (H. T.)—Color fiery crimson, with a dark velvety sheen; very fragrant; free blooming.

Hadley—A fine American pedigreed rose producing flowers of elegant form and substance. Color rich crimson scarlet shaded maroon. A glorious rose.

Harrison Yellow (A. B.)—One of the best yellow roses for cold climate. Its cloud of blossoms is a miracle of soft yellow in the spring.

Hoosier Beauty (H. T.)—A grand new hybrid tea rose of American origin. Flowers dark crimson, shaded with maroon and veined with black; petals of remarkable substance—like so much crimson velvet; buds beautifully formed, with fine, pointed shape, opening into large, double flower.

Hugh Dickson (H. P.)—This superb Irish rose stands in the front rank as a producer of the very finest brilliant crimson-scarlet roses. Of strong, vigorous growth and free flowering habits; one of our most favorite varieties.

Humboldt (H. T.)—Bud medium size, long pointed, flower medium double, very lasting, bright rose-pink on long stems. Vigorous, upright grower, few thorns, very hardy.

Hugo Roller (T.)—Flowers medium, well-shaped full double, moderately fragrant. Lemon-yellow, edged with crimson.

H. V. Machin—A gorgeous flower of large size described by the introducers as the most magnificent exhibition variety they have introduced; in color an intensely black-grained scarlet-crimson, carried on rigid, sturdy stems with ideal foliage. A vigorous, strong growing Rose for the garden.

OREGON-GROWN ROSE BUSHES—"The World's Best"

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Imperial Potentate (H. T.)—Rich, rosy carmine, fine buds, splendid cut flower, sweetly scented.

Irish Elegance—Bronze orange in the bud, opening into large single flowers of a lighter shade. Vigorous growing and perpetual blooming.

Irish Hope (H. T.)—Bud large, long pointed, very lasting, extremely fragrant, rich rosy carmine with maroon shading. Vigorous upright grower, very hardy.

Jean C. N. Forestier (Pernet)—Long, reddish carmine buds; flower carmine-lake, slightly tinted with orange and suffused with golden yellow. A very large, full, globular and extremely sweet-scented Rose. The plant is vigorous, and of branching habit.

Joanna Hill (H. T.)—A new yellow rose with an orange heart. Vigorous in growth, and blooms are borne singly on long, strong stems. The buds are large and long pointed. A vigorous habit of growth shows it will be of merit as a bedding rose.

J. B. Clarke (H. T.)—Irish variety of great merit either for garden decoration or cut flowers. The color is bright crimson shaded maroon; petals large, flowers very full and perfectly formed. Flowering from early summer until late autumn.

Juliet (H. B.)—Flowers beautifully formed, with petals of fine shape and substance. The color is a bright orange-red on the inside of petals, while the reverse side is of a rich old gold color.

John Russell (H. T.)—Rich velvety-crimson blooms, borne on upright stems. Flowers are very large and full and of good form. A rose for those who want something out of the ordinary.

Kaiserin Aug. Victoria (H. T.)—Elegant, large pointed buds; large, full, double flowers; color delicate creamy-white; fragrant.

Killarney Brilliant (H. T.)—Color an exquisite shade of deep shell pink lightened with silvery pink. The base of the petals is a soft silvery white relieved with enough yellow to make it more attractive. The buds are exceptionally long and beautifully formed.

Killarney Double White (H. T.)—A distinct rose similar to the famous Killarney in size, shape and fragrance, but snow white.

Kitchener of Kartoum (H. T.)—Dazzling scarlet; single flowers in great masses; a wonderful new decorative rose; should not be pruned but allowed to grow naturally. Something different.

La Champagne (H. T.)—Large buds and medium-sized, semi-double (25 petals), blooms peach-colored with yellow base. Vigorous plant. The buds are especially lovely, and the stiff stems hold the flowers erect, even after heavy rains.

La France (H. T.)—A silvery rose, changing to pink. A general favorite. Sweetest of all roses.

Lady Alice Stanley (H. T.)—A gem that everyone admires; it is absolutely perfect in every way; in color it is a beautiful shade of coral-rose, the inside of the petals shading to flesh-pink, fragrant.

Lady Ashtown (H. T.)—Pale Rose du Barri, shaded to yellow at base of petals. Reverse side of petals silvery pink; large, long pointed buds, opening into a beautifully formed flower; a rare and most beautiful variety.

Lady Hillingdon (T)—Deep apricot yellow, long and pointed bud. Flowers are of good substance and very lasting; foliage luxuriant; a fine forcing or garden rose, excellent for cutting.

Lady Margaret Stewart—Unquestionably one of the finest of the newer roses, with buds of deep sunflower yellow, heavily veined and splashed with orange-scarlet, sometimes entirely of the latter color, and opening to a firm full flower, the general color effect of which is cadmium orange. The flowers are quite fragrant and the leathery sage green foliage which covers the long rigid stems seems to be entirely disease-proof.

Laurent Carle (H. T.)—Gigantic oval buds and blooms of deep, glowing carmine-crimson, perfectly formed and pungently fragrant. Plant of average growth, with foliage requiring the usual attention. It blooms freely throughout the season.

Louise Catherine Breslau (H. T.)—Entirely distinct from all other roses in color; a superb shrimp-pink shaded coppery-orange and chrome yellow, large full flowers.

Los Angeles (H. T.)—Flame pink toned with coral and shaded gold at base of petals. Beautifully formed, fragrant, vigorous and very free blooming. Nothing better.

Lulu—Of particular value and beauty in bud form, they being abnormally long and substantial, with a swarthy orange red color. The flowers open up semi-double or single, brightened by an overflow of salmon-pink.

Mabel Morse—This clear bright yellow Rose of moderate size is sweetly perfumed. The color is retained better than in the older yellow varieties. Has superb glossy foliage, almost immune to disease. It is not a free bloomer, but each bloom is perfect when it comes.

Mme. Abel Chatenay (H. T.)—A rose of extraordinary merit. A free bloomer, with flowers of good size and substance. Color beautiful rosy carmine, with darker shadings. One of our finest decorative and garden roses and always in great demand.

Mme. Butterfly (H. T.)—A sport from the popular new rose Ophelia, which may be said to be a glorified form of that fine variety. In this new sort all the colors are intensified making it a rich harmony of bright pink, apricot and gold. The unopened buds are especially distinct with their lovely shades of Indian red passing to golden yellow at their base.

Mme. Caroline Testout (H. T.)—A grand rose of the La France type, but with flowers larger and finer. Color, bright satiny pink; very fragrant and free in bloom. One of the handsomest roses and should be planted extensively.

Mme. Edouard Herriott (H. T.)—The famous winner of the Daily Mail prize. The color being terra cotta bronze and geranium red, a new combination of colors in a rose.

Mme. Leon Pain—Entirely distinct in color, a silvery-salmon, with deeper orange-yellow shaded center, the reverse of the petals being a salmon-pink; flowers large, full and well formed; very free-flowering and a splendid bedding variety.

Mme. Second Weber—A grand Rose in every way. It is a vigorous grower, free-flowering, large, perfectly formed, cup-shaped, fragrant flowers of marvelous beauty. In color it is of that soft tone of salmon-pink which appeals to everyone.

Margaret McGredy—A brilliantly colored masterpiece, of glorious orange scarlet or brick red. Rather a short stout bud opening to a large, full, magnificent flower. No lanky leafless stems here, but a beautiful, heavily foliated, well-branched bush, forming a contrast for the dazzling flowers.

Mary Pickford (H. T.)—A rose of the same type as Souv. de Claudius Pernet, but much deeper in color, being a rich golden orange, shading to yellow at the outer edge. The buds are daintily shaped, and are borne on a tall vigorous plant with rich dark glossy green foliage.

Miss Lolita Armour (H. T.)—A magnificent new rose of a rich chrome yellow, shaded to coppery orange. Flowers large, of finest form, on stout canes.

Monsieur Julien Potin (H. T.)—This rose, the latest production of M. Pernet-Ducher, who introduced Mme. Edouard Herriot and Souv. de Claudius Pernet, will probably be popularly known as "Golden Pernet." Those who have seen it pronounce it the most gorgeous and unfading yellow yet introduced. The buds are long and the fully double blooms are of beautiful form.

Mrs. Aaron Ward (H. T.)—Deep golden-orange, shading out to creamy-yellow at edge of petals. Beautiful deep buds.

Mrs. A. R. Waddell (H. T.)—A strong, rampant growing Hybrid Tea Rose, with foliage that is ornamental in itself. Large, long pointed buds of a bright rosy scarlet, opening into a finely formed flower of a rich apricot or salmon color.

Mrs. A. R. Barraclough (H. T.)—Abundant, varnish-like foliage; vigorous upright growth blooming in great profusion. Large, pointed buds; flowers high centered, very lasting, bright watermelon pink with yellow base.

Mrs. Charles Russell (H. T.)—"American Beauty" can compete with it when it comes to counting points. Stems three feet long, stiff and surmounted by grand rosy-pink blooms.

Mrs. Dunlop Best (H. T.)—Pointed, saffron-yellow buds, with dull apricot shadings, opening to rich, reddish apricot flowers of great sweetness and beauty. Very vigorous, low, spreading growth and is healthy and free flowering.

OREGON-GROWN ROSE BUSHES—"The World's Best"

Each 35c; 3 for \$1.00; 12 for \$3.00, postpaid

Norman Lambert—A distinct color combination that is novel. The outside of the petals is a deep chrome-yellow with a marginal color effect of brilliant orange-scarlet merging to an irregular zone of burnt orange, the inside salmon-orange suffused bronze, shading to yellow at the base. The flowers are of medium size and form, delightfully fragrant and free-flowering. A splendid bedder.

Old Gold—Large reddish orange flowers with copper and apricot shadings. Free blooming. Handsome foliage. Richly beautiful.

Ophelia (H. T.)—Orange salmon buds, opening to flowers of dainty pink. The foliage is clean, dark and leathery—growth vigorous and free, producing long canes. Blooms early and continuously.

Padre (H. T.)—Coppery scarlet, flushed yellow at base, flowers semi-double with 15 to 20 petals, often curiously notched, exceptionally free bloomer. Color commands attention.

Papa Gontier (H. T.)—A magnificent red rose; flower large and semi-double; a vivid cherry red color, shaded yellow, reverse of petals crimson; free-growing and flowering very profusely. One of the very best for open ground. No other red Tea Rose can compare with it.

Patience (McGredy) (H. T.)—One of the finest roses of very recent introduction. Its splendid long pointed buds are of a deep scarlet carmine opening to large fragrant double perfect blooms that shade from orange at the base of the petals to rich carmine at the edges, and extremely free flowering.

Paul Neyron (H. P.)—Luminous cerise-red. One of the largest roses under cultivation. It is a strong, healthy grower with clean foliage of a rich green shade. An excellent Hybrid Perpetual Rose.

Pax Labor (H. T.)—A mammoth very double Rose of pale yellow color that thrives best in warm weather. It is a prolific bloomer, with robust and beautiful foliage.

Pink Cochet—Very rank growing for a variety of its class. Strong canes almost thornless springing from the base all season long. Magnificent buds opening into flowers of grand size and build; very lasting and of sweet tea scent. Color deep rosy pink, inner side of petals shaded silvery rose. Fine for massing in beds.

Pink Radiance—Carmine-rose-pink of a magnificent, clear shade. Constantly in bloom from early spring until late fall. A strong grower of graceful upright habit.

Premier (H. P.)—A clear pleasing red; does not fade. Good form and habit, excellent for cutting and inside forcing; fragrant, thornless, free blooming.

President Herbert Hoover—A charming many colored rose. Deep copper red buds of fine form, opening to a lovely blending of orange yellow, flame, vivid rose-pink, and scarlet. Buds of superb shape, flowers large and fragrant. A dazzling color effect to delight the eye.

Queen of Fragrance (H. T.)—Large double elegantly shaped shell pink blooms, tipped with silver. Noted for its powerful perfume.

Rapture (H. T.)—A sport of that favorite variety Mme. Butterfly with deeper tinted flowers and of more vigorous habit of growth. Free flowering and richly perfumed.

Red Letter Day—Brilliant glowing crimson scarlet, opening into medium-sized cactus-shaped flower of curious formation. One of the freest blooming roses extant. Makes a fine decorative subject and equally desirable for bedding.

Rose Marie (H. T.)—Large globular bud, flowers very large, cupped double, moderately fragrant, clear rose pink, dark green foliage, growth vigorous, profuse bloomer.

Shot Silk (H. T.)—One of the most beautiful of Alex. Dickson & Son's introductions. Color orange-rose, overshot with golden-yellow and flushed soft rose, bud of beautiful shape, the open flowers cupped with reflexing outer petals, growth vigorous and free.

Souv. de Claudius Pernet (H. T.)—On the order of Constance or Golden Emblem but with large elongated and beautiful formed buds. Color is clear brilliant yellow. Wonderful foliage.

Souvenir de Georges Pernet—Oriental red, tips of petals touched with cochineal. Entire flower faintly shaded with yellow. Flowers very large and full on strong stout stems. Extremely hardy. One of Pernet Duchere's finest productions.

Sunburst (H. T.)—A veritable giant among yellow roses throwing up heavy canes clothed with most ornamental foliage and crowned with glorious buds and flowers. The buds are very long and of most beautiful form, opening into a gorgeous colored flower. The color is a rich cadmium-yellow shaded with orange and copper. One of the very finest yellow roses yet raised.

Sunstar (H. T.)—Deep orange yellow veined and splashed crimson and vermillion; lovely buds.

Talisman—A splendid and very desirable new American Rose. The outside of the petals is bright golden yellow, shaded with pink. The inside is apricot, tinted gold and shaded rose-pink. A strong grower with glossy foliage.

T. F. Crozier—Flowers very large, full and globular with high built center, produced freely all through the season. Color bright canary yellow shaded and flushed with ivory.

Ulrich Brunner—Immense big blooms of a bright cherry-red shade with a lovely rich fragrance. Very free flowering and one of the finest for cutting. Ideal for trailing on a pillar.

William F. Dreer (H.)—Soft shell pink, base of petals rich golden yellow. Sometimes the entire flower is covered with a golden suffusion. This rose has the same parentage as the well known Los Angeles and like that sort is beautiful in all stages of development from the opening buds to the well expanded flowers. We are quite sure that all who try this variety will be pleased with it.

William R. Smith (T.)—Large, double, creamy white flowers, with strong tints of pink and lilac, produced on long, wiry stems and lasting long when cut. The plant is spreading in growth and the foliage is exceptionally fine, of deep olive-green, thick and leathery, and exceptionally free from disease.

Winnie Davis—Fine apricot pink shading to the flesh tint at base of petals. A grand, hardy garden rose.

Moss Rose—A beautiful species distinguished by the moss-like covering of their buds. Vigorous, stocky growth, lustrous foliage and perfect hardiness; the flowers usually large and bloom exceptionally long.



Moss Rose—Pink, red, white. 35c each.

ABBREVIATIONS

T.—TEA—One of the best classes of Roses and truly ever blooming. They are hardy in this section, although during our coolest weather and in cold sections they should be protected with a covering of fir boughs, straw or burlap.

H. T.—HYBRID TEA—Most of these are as free flowering and as constant bloomers as the teas, and are hardier, stronger growers.

H. P.—HYBRID PERPETUAL—The hardiest of all roses, vigorous in growth, free blooming.

Mildew—This is a flour-like substance that appears upon the foliage of Roses caused by too much dampness. Not especially injurious and can be eradicated by sprinkling foliage, when wet, with ordinary sulphur flour.

Black Spot—This appears in the form of black spots on foliage of Roses. Pick off and destroy affected foliage. Spraying with Bordeaux Mixture is helpful.

BABY RAMBLER AND POLYANTHA ROSES

35c each; 3 for \$1.00; 12 for \$3.50, postpaid

A type of roses which grow only a foot or two high, bear large clusters of flowers possessing great lasting qualities, and are always in bloom. They are fine for massing in beds, for bordering large rose beds or planted singly on the lawn. Perfectly hardy.

Cecil Brunner (The Fairy, or Sweetheart Rose)—A Polyantha variety with dainty double little flowers of perfect form produced in many flowered, graceful sprays; color a soft rosy-pink on a rich creamy-white ground.

Crimson Baby Rambler—Has the same bright crimson color as the Climbing Crimson Rambler and blooms in clusters of 20 to 40 flowers at one time on plants of fair size. "Baby Rambler" is one of the best red roses for bedding.

Ellen Poulsen—The brilliant rose-pink flowers are much larger than the Baby Rambler type of Polyantha Roses. This variety is used by florists for forcing as it is attractive in color, sturdy in growth, and very floriferous. Beautiful as a low hedge or around evergreens.

Erna Teschendorff—Deep crimson and extremely attractive in contrast or when planted in masses.

Greta Kluis—A lovely shade of deep carmine-pink, passing to glowing carmine-red, on a plant of excellent habit and continuous-blooming quality. A variety we most heartily commend.

Golden Salmon—A most striking recent introduction, distinct and novel in color, a brilliant golden-orange scarlet, always in bloom and greatly admired.

Ideal—Ideal indeed for edging or for making a brilliant bed of rich, lustrous garnet, blooming continuously all summer and until frost. The color is retained remarkably well until the flowers drop.

Miss Edith Cavell—By all means the best of its color, which is a brilliant scarlet held right through until the flowers drop off. They have no blue tendency. The plant is of vigorous and satisfactory blooming quality and the variety is notably good.

Salmon Spray—An interesting novelty from Australia. Rich salmon-pink flowers, 2 to 3 inches across, are produced continuously in great heads of ten to twenty, lasting a long time without discoloration. It makes a much stronger growth than almost any other Polyantha and reaches a height of 3 feet or more.

Triomphe Orleansais—Flowers large, for the class, of a bright cerise-red which is very lasting. A vigorous grower, bearing its blooms profusely in clusters.

Baby Tausendschoen—Dwarf Polyantha with its bountiful bouquets of creamy white saucer-shaped flowers. Every petal edged with rosy pink.

STANDARD OR TREE ROSES



These differ from the ordinary bush, in that it has an upright stem several feet in height. These have been very scarce this year. We can supply the following varieties. See general list for description. Each \$2.00.

CANNOT BE SENT BY PARCEL POST

Baby Crimson Rambler

Baby Edith Cavell

Columbia

Constance

Dorothy Perkins

Duchess of Wellington

Frau Karl Druschki

J. B. Clarke

General MacArthur

Golden Emblem

Hoosier Beauty

Kaiserin Aug. Viktoria

Los Angeles

Mme. Butterfly

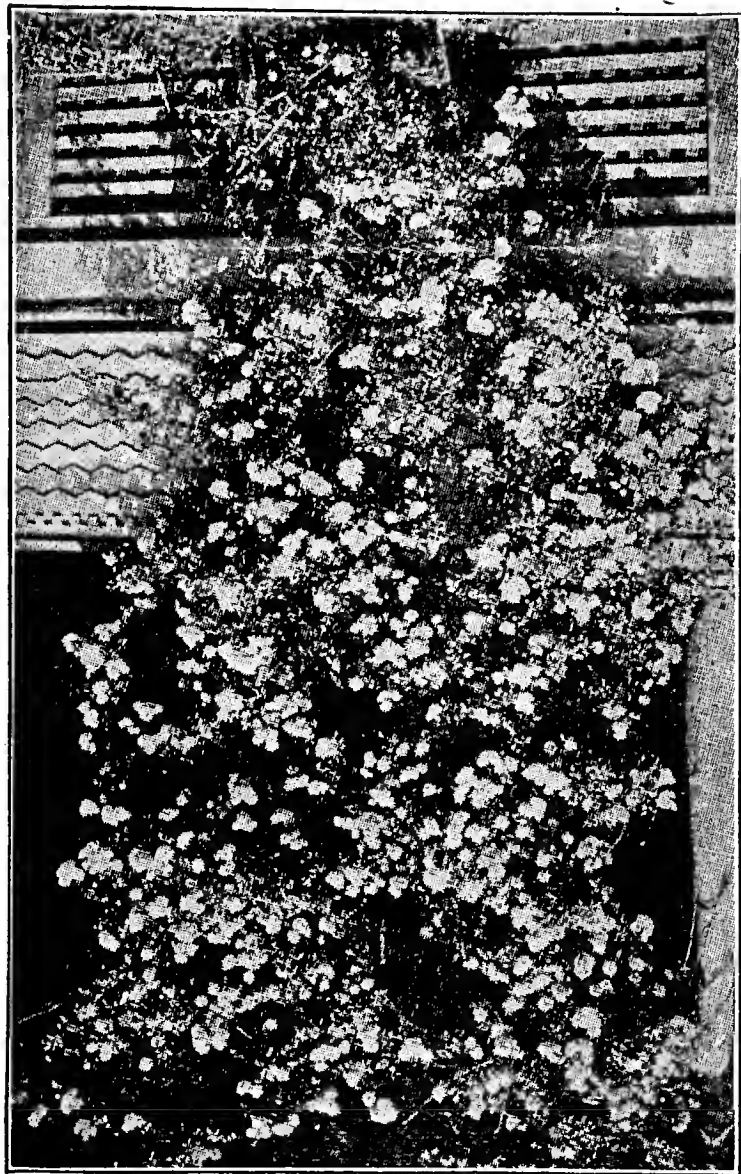
Mme. Ed. Herriot

Ophelia

Ulrich Brunner

\$2.00 each

CLIMBING ROSES



CLIMBING ROSES—50c each, postpaid

Cl. American Beauty, red

Cl. American Pillar, red, white

Cl. Crimson Rambler, crimson

Cl. Gloire de Dijon, yellow

Cl. Black Boy, black

Cl. W. R. Richardson, copper

Cl. Dorothea Perkins, pink

Cl. Hiawatha, red

Cl. Md. Ed. Herriott, copper

Cl. Md. Cecile Brunner, pink

Cl. Flower of Fairfield, red

Cl. Claudius Pernet, sulphur yellow

Cl. General McArthur, red

Cl. Cascadia, white, fine for banks

Cl. Kaiserin Augusta Victoria, cream, white

Cl. Gruss an Teplitz, red

Cl. Md. Caroline Testout, pink

Cl. Sunburst, golden yellow

Cl. Silver Moon, white

Cl. Marshal Neil, yellow

Cl. Maria von Houttie, pink

Cl. La France, silvery pink

Cl. Los Angeles, salmon pink

Cl. Lady Hillington, apricot yellow

Cl. Paul's Secret, scarlet

Cl. Ophelia, light salmon

Cl. Cloth of Gold, yellow

Cl. Dr. von Fleet, light pink

Cl. Paul's Lemon Pillar, lemon yellow

Cl. Md. Alfred Carrier, creamy white

Cl. La Reve, yellow

Cl. Tausendschoen, pink

SHRUBS, Etc.

ABELIA

A Chinese shrub of rather recent introduction that is highly satisfactory here and rapidly becoming very popular. A graceful, low growing evergreen with dark, glossy, rather delicate leaves and handsome clusters of light pink flowers that turn to rosy pink. In bloom from June to late fall; select, 75c to \$1.00

Grandiflora—Small glossy leaves, tubular shaped flowers blush pink, late summer blooming. Each \$1.00

Althea (Rose of Sharon)

Late summer blooming shrub that continues on up into the fall when color is scarce, bearing flowers that closely resemble the Hollyhocks in color and size. Colors pink, white or red. Each \$1.00.

ARAUCARIA

Imbricata (Monkey Puzzle)—A fine tree of regular pyramidal form; leaves bright green, overlapping each other: 8 to 10 in. Each \$1.00

Azalea

A. Mollis—Low growing shrub that in the early spring is covered with gorgeous flowers before the leaves appear. Each \$2.00.

Barberry

Thunbergii—A beautiful Japan variety of dwarf habit. Small foliage, changing to beautiful red in Autumn. Bright scarlet berries all winter. Each 60c, 75c and \$1.00.

Buddleia (Butterfly Bush)

Magnifica — Lovely long spikes of lilac-colored flowers, Summer and Fall. Attracts butterflies. Small plant, 50c; large, 75c.

BOXWOOD (BUXUS)

Pyramidal—Cone-shaped plant of great beauty. 2 to 2½ ft. Each \$4.00; 2½ to 3½ ft. \$5.00.

Globe—Globe-shaped. Each \$2.00 to \$4.00.

For boxwoods for hedges and borders, write for prices on quantity desired.

CYPRESS (Cypressus)

CHAMAECYPARIS LAWSONIANA ALUMI

"Blue Lawson Cypress." This is the most popular Lawson Cypress, because of the beautiful metallic silvery blue color of the foliage and the symmetrical habit of growth. The branchlets are flattened, are very close together and the plant forms an upright pointed column. It thrives anywhere on the coast and in all but the very hot sections of the interior. Ultimately it reaches 12 feet, but does not reach this size for many years. \$1.00 to \$2.00 each

Cypress Lawson's (Chamacyparis Lawsoniana)—Graceful and conspicuous; branches horizontal, slightly pendulous; foliage dark green. Each \$1.00

Italian—Bright green. Very compact in growth; nothing finer in upright type. 2 to 3 ft., each \$2.50; 3 to 4 ft., \$3.00.

CAMELLIA

Small tree, waxy leaves, beautiful waxy flowers, resembling a small rose. Assorted colors only.

1½ ft., each \$1.50

COTONEASTER

Very beautiful, practically evergreen, fine cut leaves, showy red berries stay on all winter. Bush, trailing and tall varieties.

C. Horizontalis (Trailing)—Low growing with long horizontal branches. Each \$1.00 to \$1.50.

C. Microphylla—Trailing form. Each \$1.50

C. Franchetti—Large size, gracefully drooping, masses of red berries in fall. Each \$1.50

C. Simonsii—Upright growing, bright leaves, pinkish flowers, red berries all winter. Fine for massing. Each 75c to \$2.00

DAPHNE (ODORA)

Japanese shrub with waxy light green foliage, pink and white flowers in early spring of wonderful fragrance. Well rooted out of 5 in. pots. No color guarantee. Each \$1.00 to \$2.00

Deutzias

Lemoinei—Flowers very large and produced in broad-based, cone-shaped heads of from 20 to 30 flowers each of purest white, 3 to 4 feet. 75c each.

Pride of Rochester—Flowers very early, double; pure white, tinged with blush; great profusion. Grows 6 to 8 feet. 75c each.

Gracilis Rosea—Dwarf growing with sprays of pretty light pink flowers late in the Spring. A beautiful shrub. 75c each.

HOLLY (ILEX)

English (Aquifolia)—Prickly dark green foliage, grows moderately fast, covered during winter months with bright red berries.

Berry-bearing trees, each \$1.00 up

LAURISTINUS

Dark green leaves, flowers white, tinted with pink, blooming late winter and early spring. Each 75c to \$2

LAUREL (ENGLISH LAUREL)

Lauro-Cerasus—Small tree-shrub; large, handsome, shining foliage all year. Fine for hedges and specimen plants. Each 75c to \$2.00. (For hedge plant size write for prices on quantity desired.)

LONICERA

Nitida (Evergreen Bush Honeysuckle)—Slender branches, bright glossy foliage. Excellent for massing or tub plant. Each \$1.00

Mock Orange (Philadelphus)

Grandiflora—Flowers large; slender twig habit, 3 to 4 feet. Each 50c; 10, \$4.50.

Hybrid—2 to 3 feet, 50c.

OREGON GRAPE

Mahonia Aquifolia—Official flower for the state of Oregon. Each 75c to \$2.00

PORTUGAL LAUREL

Beautiful slow growing laurel, dark green glossy leaves, small, very compact. 18 to 24 in., each \$2.00; 24 to 30 in., each \$3.00.

PRIVIT (LIGUSTRUM OVALIFOLIUM)

Golden Privit—Beautiful variegated shrub to plant among evergreens, giving a wonderful effect.

2 ft., each \$1.00 to \$1.50

California Privit—Our best plant for hedges. Plant in double row 2 ft. apart, 6 in. between plants. Price, see Hedge Plants.

Quince

Japonica (Japan Flowering)—Blossoms vary from the richest scarlet to the most delicate blush color; the fruit is deliciously fragrant, but not edible. 2 to 3 feet. Each \$1.00.

RHODODENDRON

CALIFORNICUM

is a large evergreen shrub with rose-colored flowers in large clusters. It thrives best in shade in a soil in which there is plenty of leaf mold or peat, and they should be mulched with light material. I have fine plants which have been established, 2 to 3 feet high.

Each \$2.00

Snowball

Common—Flowers globular, pure white, in May. 3 to 4 feet. Each 75c.

Japanese—Flowers pure white, delicate large globular heads in May. 2 to 3 feet, \$1.00.

Spiraeas

Each 75c

Spiraea Thunbergii—Charming spiraea with graceful form and abundant blooms.

Billard's (S. Billardi)—Flowers red in dense spikes, blooms most of Summer.

Van Houtte's Bridal Wreaths (S. Van Houtti)—Very graceful; flowers white in round clusters. May.

Crimson—Anthony Waterer (S. Bumalda)—A most desirable variety, having deep red flowers.

SPRUCE (PICEA)

Colorado (Pungens)—The original form of the famous Blue Spruce; foliage sometimes quite blue, mostly light green. A vigorous grower and hardy, making fine specimens in a broad based, sharply defined pyramid form; foliage rigidly angular with sharp needles very densely set. Each \$3.00

YEW (TAXUS)

Taxus baccata. "English Yew."—25 to 50 ft. The well known ancient Yew of England. Slow growing but attains considerable size in time. Very dark green foliage, and can be trimmed to any desired shape. 2 ft., Each \$1.00

Yew—Washingtoni—15 ft. A wide spreading Yew, branches drooping at the tips. Dull green foliage. Each \$1.00

Weigelia

Candida—Flowers white, bush tall. 75c.

Rosea—Flowers light pink, shrub compact. 75c.

Eva Rathke—Flowers red, one of the best. Slightly dwarf. 75c.

Variegated—Leaves become silver white. 75c.

FRUIT TREE DEPARTMENT

OUR SHIPPING SEASON for the above is from November 1 to April 1. Some seasons May 1, although it is too late for best results. We advise late fall or early spring planting while stock is dormant.

APPLES

	Each	10
2-year-old	\$0.50	\$4.00
1-year-old, 3 to 4 ft.....	.40	3.00
1-year-old, 4 to 6 ft.....	.30	2.50

SUMMER VARIETIES

EARLY HARVEST

Medium size; bright straw color; tender and fine; good for table and cooking. July.

GRAVENSTEIN

Large, beautifully dashed with deep red and orange; tender and crisp, with a highly aromatic flavor; tree very vigorous. August.

RED JUNE

Medium, oblong, deep red, excellent for table use; one of the best early apples.

RED ASTRACHAN

Large, deep crimson, flesh white, moderately juicy, with an agreeable rich acid flavor; very productive. August.

YELLOW TRANSPARENT

Medium size, roundish, slightly conical; skin pale yellow; flesh tender, juicy, sub-acid; good; bears at an early age. July.

AUTUMN VARIETIES

ALEXANDER

Large, conical; greenish-yellow, streaked with orange and bright red in the sun; flesh yellowish white of medium quality; very hardy and productive. October.

DUCHESS OF OLDENBURG

Large, yellow streaked with red; tree vigorous and very productive; juicy, with rich sub-acid flavor. September.

FAMEUSE

(Snow Apple.) Medium, roundish, greenish yellow, with streaks of deep red on sunny side; flesh remarkably white; fine dessert fruit. October to December.

MAIDEN'S BLUSH

Medium, well shaped; yellow, with a very distinct red cheek on the sunny side; flesh white; pleasant sub-acid flavor; excellent for table or cooking. September.

RED BEITIGHEIMER

Very large; cream colored, flushed with red; fair quality. September.

WEALTHY

Medium, whitish yellow, shaded with deep red; flesh white, tender and juicy. October.

WAXEN

Fruit medium; skin pale yellow, flesh crisp, tender, juicy, sharp acid; one of the best for drying. October.

WINTER VARIETIES

ARKANSAS BLACK

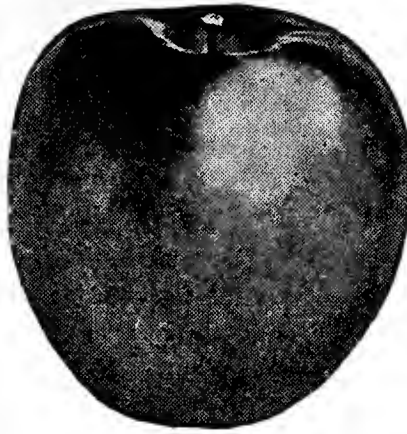
Medium, round; yellow where not covered with a beautiful dark maroon, approaching black; flesh firm, fine grained, juicy; a long keeper. December to April.

BALDWIN

Large, rounded; deep, bright red; very productive; crisp, fine flavor; one of the best and most popular winter apples. November to February.

BEN DAVIS

Medium to large; yellowish, overspread with red; flesh white, tender, juicy; pleasant sub-acid; thrifty, upright grower. October to May.



APPLES

WINTER VARIETIES

DELICIOUS

Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp and melting, juicy with a delightful aroma; of very highest quality. A splendid keeper and shipper. A regular annual bearer. November.

BISMARCK

The apple novelty; everyone should try it; tree of short, stocky growth, thick, healthy foliage; fruit large, handsome, yellowish sometimes shaded red cheek; flesh tender, pleasantly sub-acid; seldom failing to bear when two years old. September.

GRIMES GOLDEN

Very popular. Rich golden yellow; flesh tender, juicy and rich. Tree hardy and vigorous, bearing young. November to December.

JONATHAN

Tree vigorous, long lived and an early bearer. Fruit beautiful red and oblong; fine quality. Valuable as a pollenizer with Spitzenberg and Newtown. October to January.

KING

Large and handsome, striped red and yellow; tree vigorous and productive. November to December. Good mountainous apple.

LADY APPLE

A dainty, small flat apple; red cheek. Good Christmas fruit. Tree upright and vigorous.

MAMMOTH BLACK TWIG

Very large; bright red, pleasant sub-acid; fine late keeper; fine, vigorous tree. November to January.

McINTOSH RED

A seedling of the Fameuse; bright red, flesh white, very tender and delicious. Long lived and very productive. Adapted to Montana. November.

NORTHERN SPY

Large, round, greenish yellow, stripes of purplish red; flesh white, juicy, brisk sub-acid. Requires good soil. December.

ORTLEY, OR WHITE BELLEFLOWER

White fleshed, fine grained conical fruit of superior flavor; one of the best. December to April.

ROME BEAUTY

Large, yellow, shaded with bright red; juicy and sub-acid; fine market sort; good bearer. November to February.

SPITZENBERG

Large, oblong; yellowish ground with broken stripes of bright red; flesh yellowish, juicy, delicious rich flavor. November to March.

STAYMAN WINESAP

A seedling of the Winesap. Yellow striped with red. Flesh firm, crisp, juicy and very tender and rich, sub-acid. A drought resister; a profitable market variety. January, May.

WAGENER

Good size; deep red in the sun; flesh firm and fine grained; good keeper; sub-acid; excellent filler; requires thinning. October to December.

WINTER BANANA

Fancy market fruit; pale yellow with pink blush. Has a delightful aroma and suggestive banana flavor. Not a good shipper. November.

YELLOW NEWTOWN PIPPIN

Large; skin smooth, golden yellow; flesh firm, crisp, juicy; one of the standard varieties for export. December to May.

CRAB APPLES

Nice stocky trees, each 25c; per 10 \$2.25

For preserving, jellies and ornament. All are unequalled for cider or vinegar. The trees are noted for their hardiness and vigor and usually bear the second season after planting.

HYSLOP

Large, deep crimson; tree hardy, fine for the West. November, January.

RED SIBERIAN

Yellow with scarlet cheek. Bears young and abundantly. September.

TRANSCENDENT

Very large, pleasant flavor and good for cider; yellow striped red. Very productive. Adapted to Montana. September.

WHITNEY

Tree thrifty, upright grower. Fruits large, striped; flesh firm and juicy. Very good. August.

APRICOTS

Their fruit ripens between Cherries and Peaches. The trees, as hardy as the Peach.

	Each	Per 10	100
4 to 5 feet	\$0.75	\$6.50	\$50.00
3 to 4 feet .....	.50	4.50	40.00

BLLENHEIM

Deep orange, sometimes blushed; tender, rich and juicy. Tree vigorous. Good for Pacific Coast. Last of June.

LEWIS

The new Lewis Apricot is the largest, strongest growing, best yielding, best flavored apricot we have ever seen, and is perfectly hardy. Grown extensively, in the "Goodnoe Hills" district. July, August.

MOORPARK

Very large, yellowish green, brownish red on the sunny side; flesh bright orange; fine for canning and drying; freestone. July, August.

ROYAL

Above medium size; sweet, rich, juicy; good dryer and canner. July.

TILTON

Large; rich color, high flavor; very productive; similar to Royal; later. July.

PRUNES

	Each	Per 10	100
3 to 4 feet	\$0.40	\$3.00	\$20.00
4 to 6 feet .....	.50	4.00	30.00

Italian (Fallenberg)—Medium, oval tapering at both ends; dark purple; flesh greenish yellow; separates freely from the stone; best for drying. Most popular.

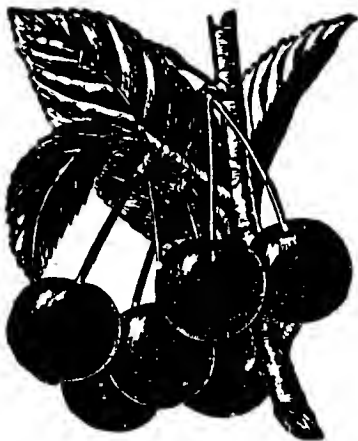
Improved Petite—Medium size, egg-shaped; violet purple; sweet, rich and sugary; very productive; good fresh and for drying.

Silver—Very large.

Hungarian—Very large, dark red.

Giant—The largest, dark crimson.

New Standard—(Burbank Production)—The trees are enormous and never failing bearers, and good, healthy growers. Well grown fruits measure four and a half inches around one way by nearly six inches the long way. Skin purple, with a heavy blue bloom; flesh amber or honey yellow, fine grained, juicy, yet firmer than most other drying prunes, very sweet and a perfect freestone.



CHERRIES

A Fruit That Makes Profits for Growers

A good cherry orchard is one of the most profitable ventures a farmer can undertake. With but little care, the trees are very thrifty and prolific, bearing large crops annually.

The compact shapeliness of Cherry trees, their glossy foliage, and spring glory of clustered blossoms, gives them ornamental value even in the lawn.

The trees are naturally hardy, succeeding best on sandy or gravelly loam, well drained. Avoid low or wet ground.

Sweet varieties grow more rapidly and make larger pyramidal trees. Set trees 18 to 20 feet apart. The Sour varieties are dwarf and bushy, bear earlier, and are more largely planted. Set trees 15 to 18 feet apart.

	Each	Per 10	Per 100
3 to 4 feet	\$0.50	\$4.00	Special price
4 to 6 feet .....	.75	5.00	Special price

SWEET CHERRIES

Two-year-old 75c

BING

Originated in Oregon from seed of Black Republican; fruit large, dark brown or black; very fine; late; good shipping variety. July.

BLACK REPUBLICAN (Lewelling)

Seedling, raised by Seth Lewelling, of Oregon; large size, black, sweet, with purplish flesh; late and a good shipper. June.

BLACK TARTARIAN

Largest size. Flesh purple. Crisp, tender and juicy. Late May.

LAMBERT

Fruit of largest size and of fine quality; color deep, rich red; flesh firm and of fine flavor; a fine market variety; ripens two weeks later than Royal Ann. Mid-July.

ROYAL ANN

(Napoleon Bigarreau.)—A magnificent cherry of the largest size; pale yellow, becoming amber in the shade; richly dotted and spotted with deep red, and with a bright red cheek; flesh very firm, juicy and sweet; tree a rapid grower and immense bearer. July 1.

SOUR CHERRIES

EARLY RICHMOND (Kentish)

Medium, dark red, melting, juicy, sprightly, rich acid, best. A dependable cropper. June.

ENGLISH MORELLO

Fair size, blackish red, rich acid, juicy, good. Aug.

LARGE MONTMORENCY

Large, red, productive, ten days later than Early Richmond. Late June.

LATE DUKE

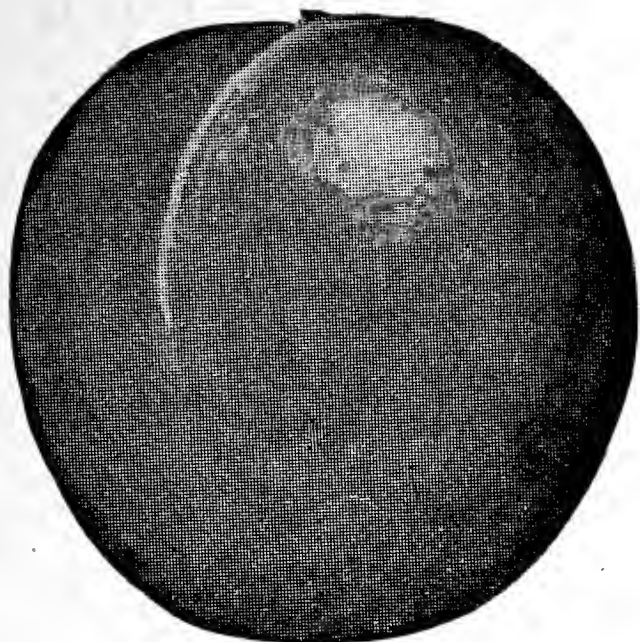
Large, light red. July.

MAY DUKE

Large, red, juicy, rich; its acidity pleasantly tempered to the advantage of sensitive teeth. June.

MAJOR FRANCIS (Ox Heart)

Similar to the May Duke, though a little more spicy in flavor. Ripens earlier than May Duke.



PEACHES

	Each	Per 10
First Grade, 4 to 6 feet	\$0.50	\$4.00
First Grade, 3 to 4 feet .....	.40	3.00

Write for special price if larger quantities are wanted.

CHAMPION

Large, cream white, slightly blushed. Tree hardy; should be in every orchard. July. Freestone.

EARLY ALEXANDER

One of the largest and best of the extra early varieties. Almost freestone. July.

EARLY CHARLOTTE

Hardy, medium early, excellent flavor; originated in Oregon. Freestone.

EARLY CRAWFORD

Very large, yellow, with red cheek; flesh sweet and excellent; our most popular peach for table and canning; freestone. August.

EARLY ELBERTA

Ripens about a week earlier than Elberta; otherwise the same or a trifle better.

ELBERTA

Very large, bright yellow, red cheek; flesh yellow; juicy, sweet; regular bearer; fruit very showy and perfect; freestone. Late July.

J. H. HALE

A valuable table, shipping and drying peach. Smooth skin, almost fuzzless. Very firm. Ships almost like an apple. Yellow freestone; flesh tender, excellent quality. Larger than the Elberta and ripening about the same period.

LATE CRAWFORD

Very large, roundish; yellow, with dark red cheeks; flesh deep yellow, juicy and melting; flavor rich and excellent; very popular; valuable for canning and drying; freestone.

HALE'S EARLY

Early, free; extra quality; hardy; prolific.

HEATH'S CLING

One of the best of the clings. Very large; creamy white, with slight red; flesh white. September.

MAYFLOWER

Beautiful red all over; extremely early; tree hardy and healthy. Should be in every home and commercial orchard. Last of June. Freestone.

MUIR

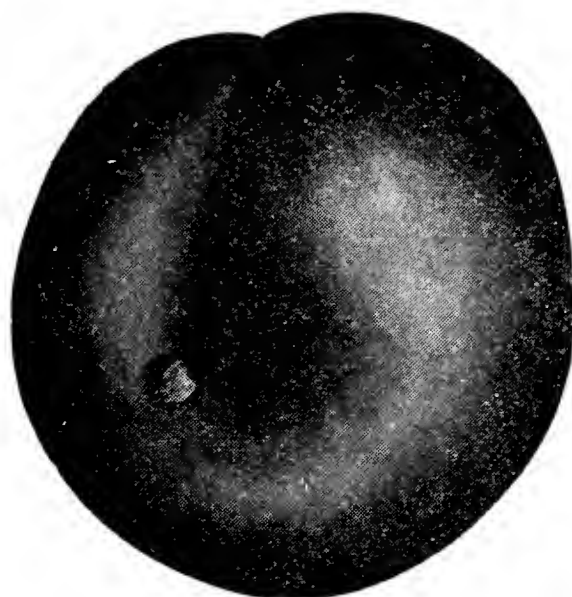
Large, pale yellow; very firm and sweet; best for drying; freestone. August.

SALWAY

Creamy yellow, red cheek; flesh deep yellow, red at the pit; rich and sweet; a standard late peach, growing more and more in favor with orchardists; freestone. Late September.

TUSCAN CLING

Very large; yellow, blushed red. Vigorous and strong grower. July and August.



PLUMS

	Each	Per 10
4 to 5 feet	\$0.50	\$4.50
3 to 4 feet .....	.40	3.50

ABUNDANCE

Fruit large and beautiful; bright cherry; flesh light yellow; juicy, tender, sweet; productive; freestone. June.

BRADSHAW

Reddish purple, juicy and pleasant; adheres partially to the stone. July.

BURBANK

Medium; globular; cherry red, with lilac bloom; flesh yellow; bears very young. Late June.

DAMSON

Small, oval, bluish purple; flesh melting, rather tart. Tree very fruitful and hardy. August.

DAMSON—SHROPSHIRE

Medium size, dark purple; very firm; flesh greenish, juicy and rich. Vigorous. Late September.

GREEN GAGE

Small round; flesh pale green, melting and juicy; Freestone. Mid-July.

PEACH

Very large; skin brownish red, slightly coarse grained, but juicy; freestone; very popular. July.

PRINLEW

A valuable new variety, produced by H. A. Lewis. A heavy and sure cropper. Plums of large size; skin yellow, overspread with bright red when fully ripe; a handsome looking plum and the rich, golden flesh is firm, but juicy; fine grained and most delicious of all, either raw or cooked. It's good as a peach. Stands handling and shipping well. Ripe in August. If you only have room for one plum, plant a Prinlew.

SATSUMA (Blood Plum)

Quite popular, large, dark red from skin to pit, which is small, firm and juicy; tree productive. Early July.

NECTARINES

The Nectarine has a smooth skin like the plum. It is like the peach in other ways and requires the same culture. Its pungent, sprightly flavor is reminding of both, but with an added deliciousness all its own.

Selected Trees 75c Each

BOSTON

Large, deep yellow, bright flush; flesh yellow; very rich and luscious. Best for Oregon. August 1.

EARLY VIOLET

Medium; skin pale, shaded violet; flesh white; good. July.

PEARS

Delicious for Eating
and Canning

The Pear tree will grow on almost any good soil, but thrives best in a rather heavy clay or loam.

	Each	Per 10
4 to 5 feet.....	\$0.50	\$6.00
3 to 4 feet.....	.40	3.00
2-year-old .....	.75	6.50



SUMMER AND AUTMUN VARIETIES

BARTLETT

Large; skin thin, clear, lemon yellow, with soft blush on the sunny side; flesh white, buttery, very juicy and highly flavored; the best summer pear in existence. August, September.

BEURRE BOSCH

Large, beautiful, russety; highly flavored; fine for shipping. September.

BEURRE CLAIRGEAU

Large, yellow, shaded with orange and crimson; covered with russet dots; flesh yellowish, buttery, juicy. September.

BEURRE D'ANJOU

Large, handsome, fine flavor; tree vigorous; heavy bearer; keeps till Christmas. September.

COMICE

A splendid commercial variety, being of fine size; good appearance; ships well. October.

FALL BUTTER

A favorite fall pear; yellow, sweet and juicy. September.

SECKEL

Rich and highly flavored; its highly concentrated, spicy, honey flavor is unequaled; skin brownish green, russet brown cheek; flesh whitish, buttery and melting. September. October.

WINTER VARIETIES

P. BARRY

Fine keeper. Very large; juicy, fine grained, yellow. December, March.

WINTER BARTLETT

This fine pear originated in Eugene, Oregon. Fruit large, closely resembling the famous Bartlett in shape and appearance, but ripening considerably later; flavor almost identical with the Bartlett; is undoubtedly one of the few pears of recent introduction of real merit.

WINTER NELIS

Medium; skin yellowish green, dotted with gray russet; flesh yellowish white; fine grained, of a rich saccharine, aromatic flavor.

QUINCES

Fine for Sauce.

The Quince crop is usually reliable, and in good market demand. The fruits are quite fragrant, and the trees and bloom highly ornamental.
First Grade, 4 to 6 feet, each 75c

CHAMPION

Large, yellow; flesh cooks very tender; flavor is most delicious; more productive than the Orange. October.

PINEAPPLE

Flavor is suggestive of the pineapple; the fruit resembles the Orange quince; making superior jelly; can be eaten raw and has a most exquisite and delicious flavor, not equaled by any other quince. September.

NUT TREES



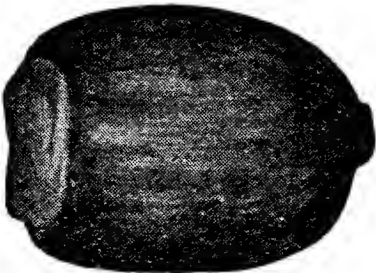
GRAFTED WALNUTS

We offer a splendid strain of Franquettes, the best variety for this section, grafted on four-year California Black Walnut—sturdy, thrifty trees with big fibrous roots. The best to plant. Comes to bearing much younger than seedling walnut.

Trees one and two years from the graft on three and four-year-old roots:

These are all too large to be sent by parcel post.

Size	Each	Dozen lots	Hundred lots
8 to 10 feet.....	\$1.60	\$1.50	\$1.40
6 to 8 feet.....	1.40	1.30	1.20
4 to 6 feet.....	1.20	1.10	1.00



FILBERTS

Plant more of them

Barcelona—Magnificent large nut from Spain, first quality; can be grown as low standard tree or bush. 2 to 3 feet. Each 75c; 10, \$5.00

Du Chilly—The largest Filbert on Pacific Coast. Nuts are broad, 1 inch by ¾ of an inch; full fleshed and sweet; best grown as low standard. Special prices on large orders. Du Chilly is a good pollenizer for Barcelona. 2 to 3 feet. Each 75c; 10, \$5.00

ALMOND (Nut Bearing)

	Each	Per 10
3 to 5 feet.....	\$0.75	\$6.00

I. X. L.

A vigorous grower and sure cropper, producing nuts of large size and handsome appearance; shell thin; most popular commercial.

BUTTERNUT

A beautifully formed tree bearing a rough coated nut of most attractive flavor, well known to the middle West. Succeeds fairly well in the Pacific States. Price, each \$1.50

CHESTNUT

	Each	Per 10
3 to 5 feet.....	\$0.75	\$6.00

American Sweet—Makes a handsome shade tree; full medium size, sweet and well flavored.

Spanish—A valuable species both for ornamental use and fruit. It forms a handsome lawn tree and produces much larger fruit than the average American variety.

MAMMOTH JAPANESE

A variety we import from Japan; yields much the best and largest fruit.

If you are interested in Grafted Chestnuts write us.

HICKORY

Shellbark—Popular Eastern variety; tree hardy but slow grower. Nuts medium size; very good. Quality excellent. 3 to 5 feet. Each \$2.00; 10, \$15.00



DEWBERRY

Lucretia—Fruit ripens between the raspberry and blackberry. Berries large, handsome, sweet and luscious; trailing vines. **STRONG PLANTS.** Each 25c; per doz. \$2.50; 100, \$12.50; 1000, price on request.

LOGANBERRY

In great demand again for canning and drying. An exceedingly strong grower and an enormous bearer. Color dark red. Has a pleasant, vinous flavor, delicious and peculiar to this berry alone; fruit ripens early. It is excellent for the table, eaten raw or stewed, and for jelly, jam or "juices," is without an equal.

Transplants (2 year, extra strong)—Prices, each 25c; doz. \$2.25, postpaid. Not prepaid, each 20c; doz. \$2.00; 100 \$15.00.

CORY THORNTLESS BLACKBERRY

The berries often measure $2\frac{1}{2}$ inches in length, have a small core and are almost seedless. The flavor is like the wild berry, but they are richer and sweeter than other blackberries, yet are acid enough to make the finest of jelly. No thorns, thereby easier and quicker picked, more productive, more profitable; of trailing nature. Plant eight feet apart in rows seven feet across.

Prices Cory Thornless Blackberry

Each, postpaid	\$0 .20
Per 10, prepaid	1.75
Per 100, prepaid	15.00

BLACKBERRIES

Lawton—Fruit large, very productive, well and favorably known; Oregon's most popular kind.

Evergreen—An Oregon introduction; beautiful lacinated foliage, which it retains all winter; berries long, black, sweet, rich and delicious; ripens from July to November.

Himalaya Giant—An exceedingly strong, rampant grower of a trailing nature; everbearing; an enormous yielder. The berries are large, juicy, coreless, sweet and firm, with a delicious aromatic flavor.

	Each	Per 10	100
Price	\$0.20	\$1.50	\$10.00

GOOSEBERRIES

Each 20c; 10, \$1.75; 100, \$12.50

OREGON CHAMPION

Berries very large, pale green color; very sweet and fine for table use and pies; bush strong, not very thorny; very prolific bearer; most popular sort we have.

MULBERRIES

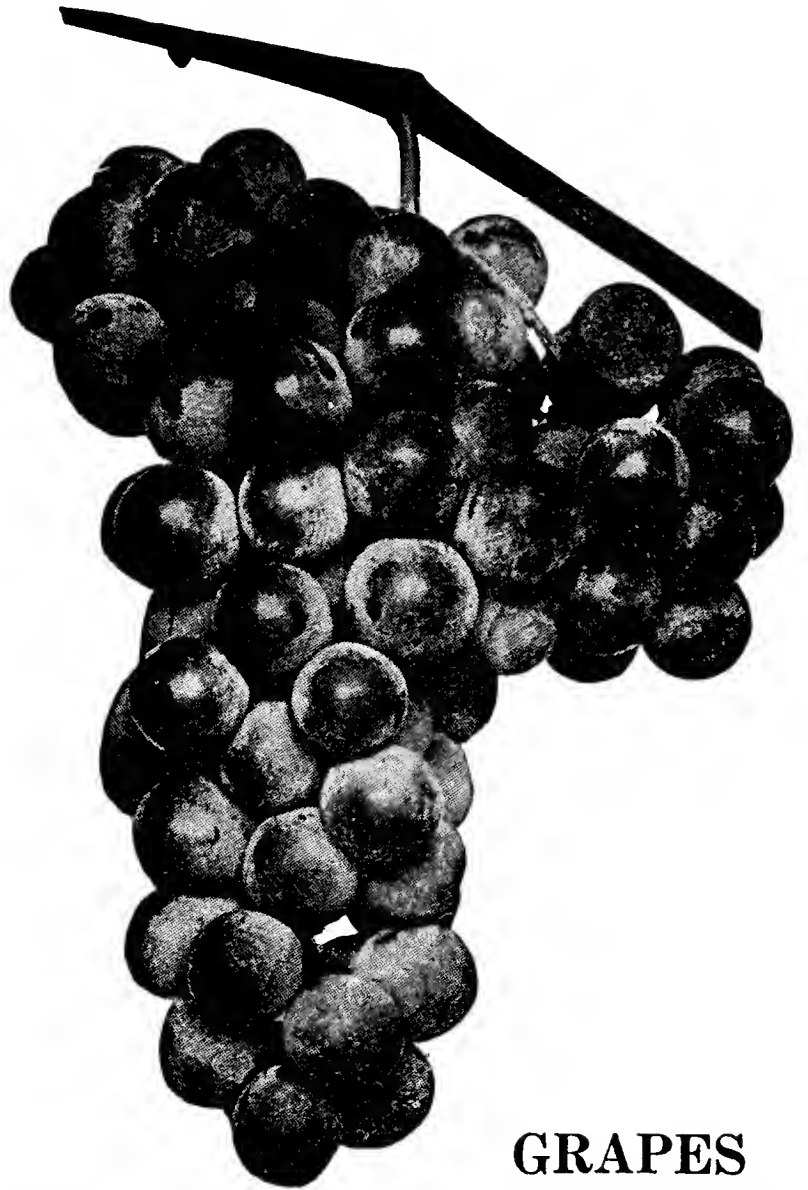
NEW AMERICAN

Equal to Downing in all respects, and a much hardier tree. Vigorous grower, very productive; the best variety for fruit; ripe from middle June to Sept. 6 to 7 ft., each \$1.50

RUSSIAN

Very hardy, vigorous grower; valuable for feeding silk worms, for hedges, fences and waste food supply in poultry yards. Fruit of small size, varies in color from white to black.

6 to 8 ft., each \$1.00



GRAPES

The grape is the easiest of all fruits to grow. The plants take little room, they thrive despite neglect and every year they produce their wealth of beautiful, health-giving fruit. With its roots in any old nook you can lead it away in any direction to provide a grateful shade for the pump, or for a restful seat, a border for a walk or climbing on the wall or house—East, West, North or South, on hill or in valley, on poor soil or rich, the grape grows, thrives, bears; it never disappoints. Plant a few vines or a large vineyard—make your own grape juice—jams, marmalades, jelly; and have plenty to eat fresh from your own vines.

One-year-old, each 20c, postpaid

CAMPBELL'S EARLY

Berries large, nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous; a strong and vigorous grower. August.

CONCORD

Large, black grape; bunches compact; berries round, sweet and pleasant. August.

DELAWARE

One of the finest of our native grapes; grows freely and is perfectly hardy; ripens early; berries small, light red. August.

MOORE'S EARLY

Bunch medium; berry large, resembling Concord, but more pulp and is earlier.

NIAGARA

Bunch medium; berry large, roundish, uniform; skin thin but tough; pale yellow; flesh tender and sweet; vine vigorous and productive; one of the best white grapes. September.

WORDEN

Bunch very large and compact; berry large, black; an improved Concord. Late August.

PEAT MOSS

NATURE'S SOIL IMPROVER

The ideal all year rose mulch. Large bale of 8 bushels.

PEAT Makes Poor Soil Good and Good Soil Better.

Price per Bale \$2.50

We will have no Strawberry Plants to offer.

RED RASPBERRIES



A cluster of Lloyd George raspberries. This variety produces the largest raspberries we have ever seen, averaging nearly as large as Loganberries.

Lloyd George—The largest red raspberry grown. This variety was recently introduced into the U. S. from England, by the New York Fruit Testing Association. It is a heavy yielder. The fruit is of the highest quality and is borne in immense clusters.

Prices prepaid—each 30c, 5 for \$1.25, 10 for \$2.00, 25 for \$4.00, 50 for \$7.00, 100 for \$12.00.

Chief—A new product from Minnesota achieved after 14 years experimenting, with the purpose of replacing the old King by a superior type of Latham breeding. Chief will not rival Latham, but supplements it by ripening 10 days earlier and so holding that wonderful type for picking an extra long season. In fact, Chief fills that deplorable gap for fresh table fruits between Strawberries and the other Raspberries. Bright red, “no crumbling,” ships well, tastes delicious, and pays its way with extraordinary crops.

Prices prepaid—Each 30c, 5 for \$1.25, 10 for \$2.00; 25 for \$4.00, 50 for \$7.00, 100 for \$12.00.

St. Regis (Ranere)—Known as the **Everbearing Raspberry** because of its long season. Fruit commences to ripen with the earliest and continuing on young canes until October, many quarts often being picked after the first snow falls. Berries bright crimson, large size, rich, sugary with full raspberry flavor; flesh firm and meaty. Each 15c; per 10, \$1.25, postpaid

Cuthbert (“Queen of the Market.”)—A remarkably strong, hardy variety; standing the northern winter and southern summers equal to any. Very large, conical berries, so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious. The leading market variety for main crop.

Marlboro—Very large and earlier than Cuthbert; beautiful, bright scarlet; good quality; hardy and productive.

Special low prices by the thousand. Write

	Each	Per 10	100
1 year	\$0.15	\$0.75	\$3.00

Black Raspberries

Cumberland—A healthy, vigorous grower, throwing up stout, stocky, well branched canes that produce immense crops. Fruit very profitable; large, firm, quality about same as Gregg, keeps and ships as well as any of the blacks. Mid-season.

Gregg—Of good size, fine quality, very productive and hardy. Takes same position among black caps as Cuthbert among the red sorts.

Plum Farmer—Large, black, hardy and productive. One of the very best.

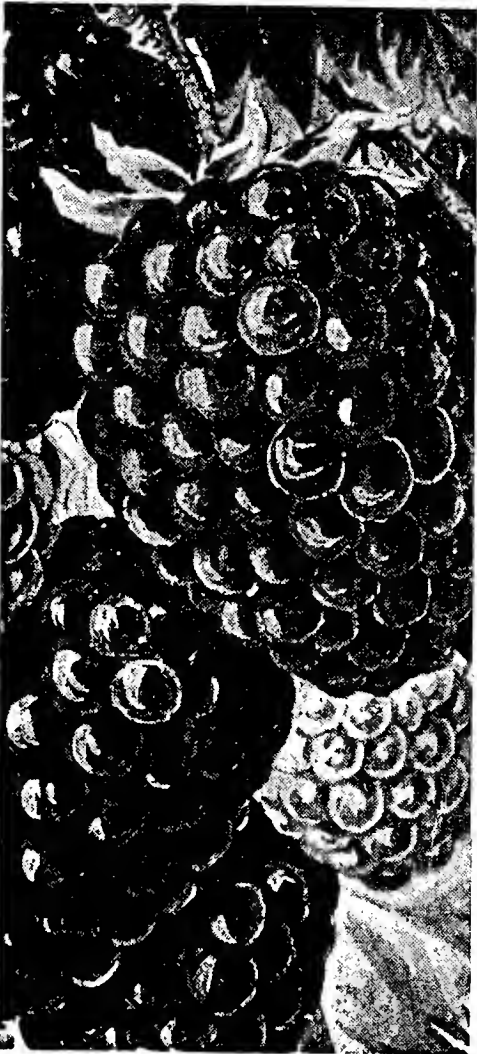
	Each	Per 10	100
2 years	\$0.25	\$2.25	\$20.00
1 year	.20	1.50	12.50

YELLOW RASPBERRIES

Golden Queen—A beautiful, large golden yellow berry, seedling of the Cuthbert and surpassing that variety in size, beauty, quality and adaptability. Canes hardy, of strongest growth, productive. Should be in every garden, its beauty and high quality placing it at the head for table use.

By mail. Price, each, 15c; per 10, \$1.25, postpaid

YOUNGBERRY



Youngberry—Actual Size

Said to be a cross between the Loganberry and the Dewberry. An exceptionally fine flavored, very productive berry. Bears early and commands the highest market prices. The fruit colors well and is exceptionally sweet and large. Color, jet black. Ten plants of this variety will make a row eighty feet long, which will produce an astonishing amount of the finest berries you ever saw. They will be a delight to you and your friends.

They are very strong growers and should be trellised. A very simple trellis, consisting of two wires (the lower one 2½ feet from the ground and the upper wire about 4 feet) is all that is required. Plant eight feet apart in rows

seven feet across. About 800 plants per acre.
Prices—Each, 15c; 10, \$1.00; 25, \$2.00; 50, \$3.50; 100, \$6.00.

A NEW RASPBERRY—POTOMAC

This is what Mr. H. C. Compton has to say about the Potomac Raspberry:

“This is the best purple raspberry yet developed and ideally adapted to northwest soil. Tip plants planted in spring 1932 showed no winter damage and bore an enormous crop of berries this year on year-old plants with laterals 3 feet long and the new canes August 1st higher than a man can reach. These plants were pronounced by a representative of the U. S. Dept. of Agriculture as fine as has been seen in the best adapted soils in the east.

The fresh fruit is slightly tart; they are best in pies, jams, jellies and for canning, requiring sugar to bring out the real flavor. A very firm fruit. Fruit similar in size and shape to black-caps, purple in color. Each 30c, 5 for \$1.25, 10 for \$2.00; 25 for \$4.00, prepaid.

ASPARAGUS ROOTS

Nothing that comes out of the home garden is so much appreciated, so health-correcting or so nutritious, as the luscious tips and tender stalks of asparagus. A day on the stands means depreciation in flavor and tenderness—a strong argument for growing your own, to cut just before cooking. A new bed of 100 roots will provide ample six weeks' supply for an average family. Plant this spring; cut next spring, being sure to cut the spears slightly below ground level.

PLANTING—Enrich the soil; dig a trench about 10 inches wide by 10 inches deep at sides, sloping a 6-inch ridge at center. Strew raw bonemeal and fine soil at bottom; straddle asparagus roots along the ridge at 12 to 18 inch intervals; then cover with about 2 inches of tamped soil, repeating as growth progresses, until the trench is level full.

Palmetto—A very early variety of greenish tinge; even, regular size, of excellent quality.

Washington Pedigreed—A new rust-resistant Asparagus. As a standard variety for the production of fancy Asparagus for the home or market, it stands ahead of all others in size, vigor, tenderness, quality, and rust-resistance.

Prices of Asparagus	50	100	1000
1-year roots, by mail, postpaid.....	\$1.35	\$2.25	.....
1-year roots, by express	1.00	1.75	\$10.00
2-year roots, by express	1.25	2.50	15.00

RHUBARB

"PIE PLANT"

Large, early, tender and fine. The old reliable pie kind. By mail, 25c; \$1.00 for 5. Write for price if wanted in quantity.

ONION SETS—Plant Them Now

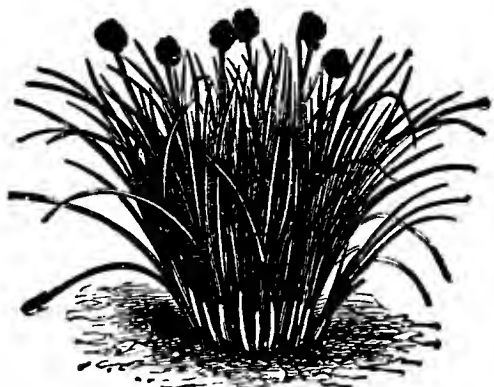
BOTTOM ONION SETS

We have sets only in two varieties of Bottom Sets. The White Portugal and the Yellow Globe Danver. Therefore state whether you want yellow or white. We prefer the yellow. Per lb. 20c; 5 lbs., 75c, postpaid

SHALLOTS

Valuable for bunching or for an early crop. The smallest sets make fine bulbs of good size, while the larger ones produce a cluster of small to medium size bulbs. Light brown skin, mild, white flesh. Per lb. 25c, postpaid

For large quantities, write for prices, stating quantity wanted.



CHIVES—Schnittlauch

Chives are perfectly hardy perennial plants of the onion type, and are grown exclusively for their small leaves, which are produced freely very early in the Spring, for giving a mild onion flavor to various dishes. They are used especially in flavoring the small German sausages. When planted in small clumps in any common garden soil, they will grow rapidly and in time increase so as to render division necessary. The tops appear early in the Spring, and can be shorn off close to the ground as needed. If not allowed to flower, they will produce much longer.

Per bunch, postpaid, 15c

TARRAGON

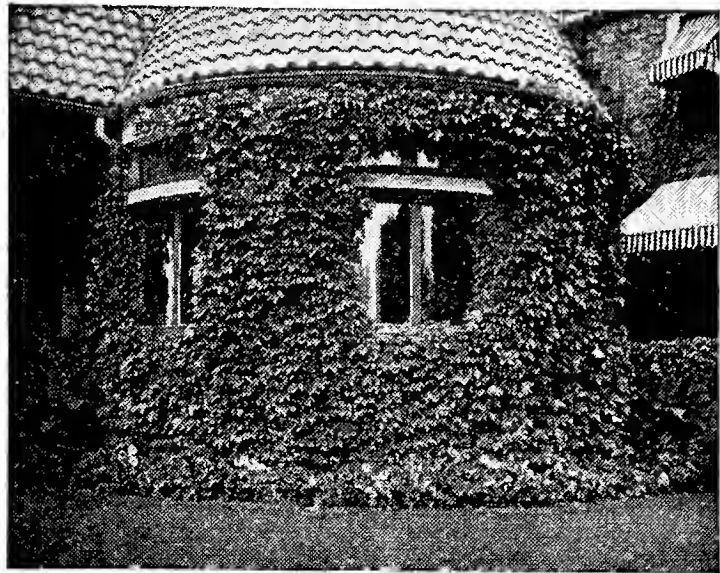
True—Used for cooking purposes. (This variety does not produce seed.) 35c, postpaid

ROSEMARY

Infusions of the leaves are used in medicinal beverages. Produces an aromatic oil. Each 25c, postpaid

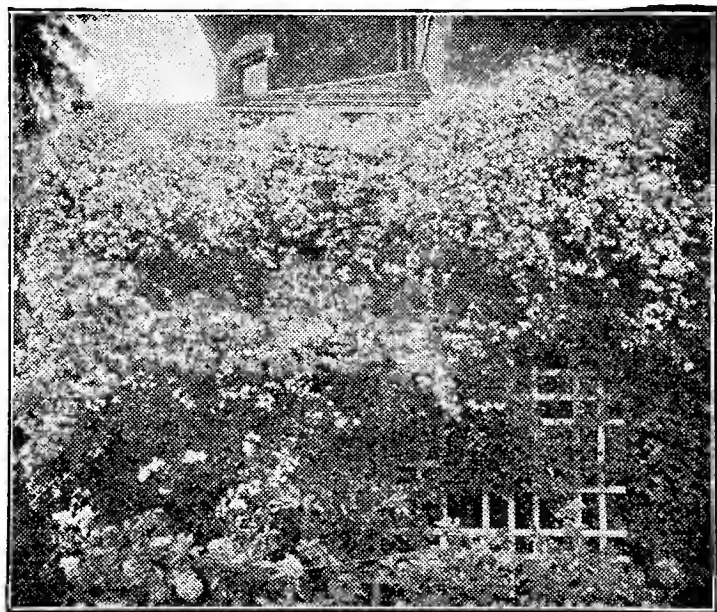
Ornamental Climbing Vines

That which is ugly may be transformed into beauty with vines



BOSTON IVY

Veitchi (Boston Ivy)—The most popular and desirable climbing plant for covering brick, stone or cement walls, etc. Clings to the smoothest surface. Foliage rich olive green during the summer, bright crimson and scarlet in the fall. Strong plants, 50c to 60c; extra strong, 75c to \$1.00.



CLEMATIS

Jackmanii—Intense violet purple, with a rich velvety appearance; distinctly veined. Special 50c each

Clematis Paniculata—A rapid and vigorous grower; it produces sheets of medium sized, pure white flowers of the most pleasing fragrance; well adapted for covering trellises or fences.

Choice plants, 50c; extra fine, 75c

Ivy Evergreen

Common English—Thick, leathery evergreen leaves. Strong grower. Good roots. Each 25c; large, 50c.

Honeysuckle

A beautiful climber, rapid grower and very desirable. Flowers very fragrant.

Your choice of the following, 60c to 75c each; extra strong, \$1.00.

Halleana—Very popular; almost evergreen; flowers white, passing to yellow.

Belgica (Monthly Fragrant)—Flowers are large; color red and yellow.

Wistarias

The strongest growing of all hardy vines, easily reaching the roof of a two-story building in a few years if given a chance to climb. (See cut.) Flowers appear with the first leaves late in the spring.

Sinesis—Purple or white; strong vines.

Each \$1.50 to \$2.00

W. Multijuga—Similar to Wistaria Sinensis except in color of flowers which are dark violet blue, borne in very long racemes. Each \$2.00

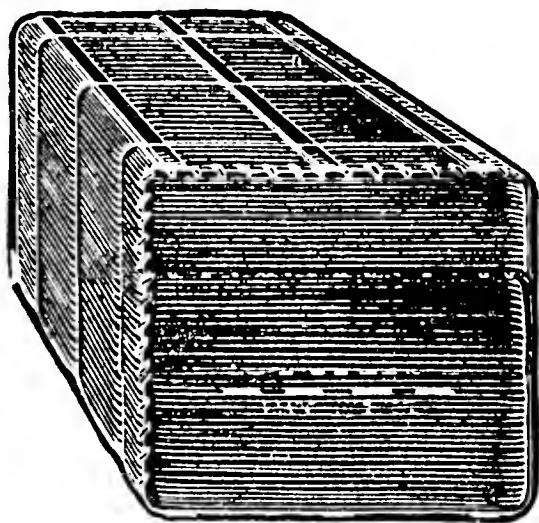
SPECIAL AS LONG AS THEY LAST—Jackmani Clematis—Extra fine plants, 50c each.

PEAT MOSS NATURE SOIL IMPROVER

—It is a fine material for storing dahlia roots, tubers and bulbs and packing them for shipment.
—It is economical to use. One bale will spread three hundred square feet, one inch deep.

A few of the many purposes for which it is used:

Fertilizer Carrier
Mulching
Cold Frames
Lawns
Improving Soils
Propagating
Cuttings



Landscape Work
Benches (Greenhouse)
Golf Courses
Packing
Storing Bulbs
Potting
Layering
Seed Beds

PEAT MOSS—Saves Moisture

Mixed into heavy clay, Peat Moss keeps the soil porous so that moisture can circulate freely during the hot spells when clay bakes hard. In sandy soils, Peat Moss captures and retains the moisture which would otherwise too quickly run away. As a thin mulch over any planted surface, it keeps down weeds, attracts moisture from above, and protects undermoisture from evaporation.

Imported—A splendid fine grained type for preserving moisture. Spread thinly on the lawn or on the surface of pot plants. Bale \$2.50.

Oregon Peat—Not only a conservative, but also adds a fertilizing humus to the soil and keeps it porous. Bags of 80 lbs., \$1.00 each.

ADCO



ARTIFICIAL MANURE

(Patented in the United States and Abroad)

ADCO is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. The process is perfectly simple and not at all laborious.

GARDENERS can now have plenty of manure at low cost and little trouble.

FARMERS, by utilizing straw, corn stalks, etc., can secure their manure without the expense and labor of maintaining live-stock.

PRICE, F. O. B. PORTLAND

ADCO, in 150-lb. bags, each\$11.00
(Enough for a heap 10 ft. x 10 ft. x 6 ft.,
making about three tons of manure)

ADCO, in 25-lb. bags, each\$2.35
(Enough for 12 wheelbarrow loads of garden
waste, making one-half ton of manure)

These Two Agents Create Acid Soil

Aluminum Sulphate—In quick preparation of an acid soil for Rhododendrons and other Broad-leaf Evergreen Shrubs, the most efficient and readily available chemical agent is commercial alum or "Aluminum Sulphate." The amount required to overcome the existent alkaline or limey soil condition, varies; but is roughly $\frac{1}{2}$ to 1 pound per square yard, scattered over the surface. Repeat every six months. If only available water for sprinkling is too hard and alkaline, barrel it and treat with this chemical. Write for price.

Sulphate of Ammonia—A nitrogenous plant stimulant, very quick in action, tending to make soil acid. Increases leaf-growth. Much used on lawns, which it not only feeds, but weeds are discouraged; when top-dressing lawns apply 1 ounce per square yard or 350 pounds to the acre, but first mix with several times its bulk of soil or sand. Between rows of spinach, lettuce, cabbage, etc., 3 pounds to 100 running feet may be broadcast and hoed in. As a liquid stimulant dissolve 1 ounce in a gallon of water and apply to the roots of plants. Write for price.

We also carry in stock and would be pleased to quote prices on

BLOOD MEAL
NITRATE OF SODA
SULPHATE OF AMMONIA
SUPERPHOSPHATE
LAND PLASTER
MURIATE OF POTASH
SULPHATE OF POTASH
LIME, Etc.

PURE BONE MEAL

Pure Ground Bone, fine ground, is one of the best fertilizers. This is the only grade of Ground Bone we sell, and is all pure bone, reduced by improved machinery to an even fineness—nothing is added, and is free from any adulterant. This is a very valuable enricher of the soil. Per lb., 5c; 100 lbs., \$2.50.

MORCROP

Write for prices.

VIGORO

Specially prepared plant food

100-lb. bag	.....\$5.00
50-lb. bag	..... 3.00
25-lb. bag	..... 1.75
10-lb. pkg.	..... .85
5-lb. pkg.	..... .50
Not prepaid.	

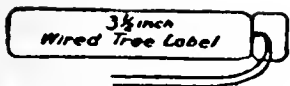
MORCROP TABLETS for Milady's Houseplants

Highly concentrated, complete fertilizer in tablet form for convenient application. Odorless, clean and quickly water soluble. The action is rapid and both foliage and bloom is improved. Equally effective in the garden.

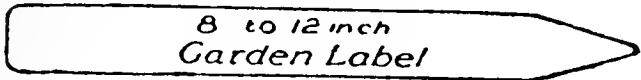
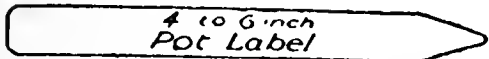
Package 10c, Postpaid

STIM-O-PLANT

30-tablet pkg. 25c; 100-tablet pkg. 75c; 1000-tablet
pkg. \$3.50, postpaid.



LABELS



TREE LABELS

Copper Wired and Painted

3 1/2 inch—35c per 100, \$2.90 per 1000

LABELS, Wood, for pot and garden plants

Size	100	1000	Size	100	1000
4 x 5/8 in...	\$0.30	\$ 2.00	8 x 7/8 in...	\$1.25	\$ 8.00
4 1/2 x 5/8 in...	.35	2.50	10 x 5/8 in...	1.50	9.00
5 x 5/8 in...	.40	2.75	10 x 7/8 in...	1.75	10.50
6 x 5/8 in...	.50	3.25	12 x 1 1/8 in...	2.25	13.50

STAKES, Bamboo

Dyed Green, very fine for staking delphinium, hardy chrysanthemums, gladiolus, etc.

Length	Doz.	100	1000	Length	Doz.	100	1000
18 in.....	\$0.15	\$0.65	\$4.00	36 in.....	\$0.30	\$1.25	\$7.50
24 in.....	.20	.85	5.75	42 in.....	.35	1.50	8.50
30 in.....	.25	1.10	6.50	48 in.....	.40	1.75	9.50

STAKES, Round

Painted green. A good, strong stake.

3 feet.....	4c each,	\$0.40 doz.
4 feet.....	5c each,	.50 doz.
5 feet.....	8c each,	.80 doz.
6 feet.....	11c each,	1.10 doz.
7 feet.....	13c each,	1.30 doz.
8 feet.....	16c each,	1.60 doz.

GRAFTING WAX

A high-grade preparation. Easy to handle. For pruning or grafting or for covering fresh cuts. 1/4 lb. 15c; 1/2 lb. 30c; lb. 50c.

DRY LIME SULFUR

Controls all scale and fungus diseases for which Lime-Sulphur Solution is recommended. More convenient to handle and saves freight on water. Put up in air-tight packages, which should be used when opened. For Winter Spray use 10 to 14 pounds to fifty gallons of water. For summer, in combination with Arsenate of Lead, use 2 to 3 pounds to fifty gallons of water.

Price: 1 lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$3.75; 100 lbs., \$12.50. Postage extra.

FUNGI-BORDO (Bordeaux Mixture)

In powdered form, mixes perfectly with cold water. For peach, tomato and potato blight, all fungus diseases. Write for price.

BLUE STONE

(Sulphate of Copper)

Applied in time it will prevent mildew and all fungus diseases. Also prevents smut on barley and wheat, by soaking seed to be planted in a solution of 1 lb. to 6 gallons of water for ten or fifteen minutes. May be sent by parcel post. Write for price.

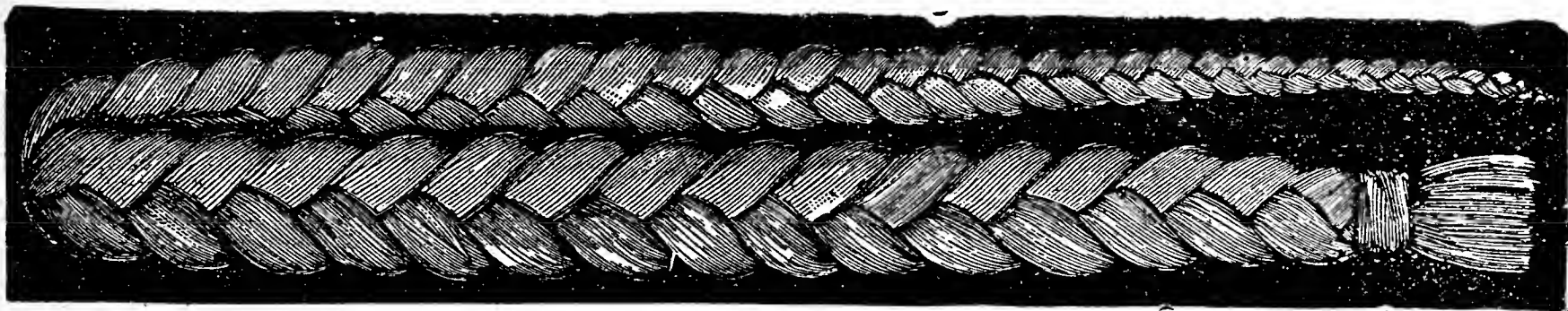
TREE TANGLEFOOT

A sticky compound to band trees or large plants to prevent crawling insects from going up the stalks or trunks. Prices: Trial size, 25c; 1-lb. can 60c; 5 lbs. \$2.75; 10 lbs. \$5.25. Postage extra.

TOBACCO DUST.—High grade. 1 lb., 15c; 10 lbs., \$1.25. Postage extra.

WHALE OIL SOAP (Fish Oil)

This is not only an excellent insecticide for killing plant lice and fungus growth, but should be mixed with most all liquid sprays as it causes the spray to adhere much better to the leaves. 1 lb., 25c. Write for quantity price.



RAFFIA—Natural color, for nursery and garden work; also used for making baskets. 40c per lb., postpaid

“EVER GREEN”

Non-Poisonous Insecticide

Sure Death to Plant Insects—
Harmless to Man, Birds
and Animals

A sure killer of most plant insects—and yet offers no poison whatever to human beings, livestock or birds—it is positively not a poison. The active principle is Pyrethrum, or insect flowers, which has this valuable property of being deadly to nearly all insects. Especially recommended for killing Cut Worms, Cabbage Worms, Green Flies, White Flies, Thrips, Leaf Hoppers, Currant Worms, Aphids, Rose Chafer, Rose Slugs, Pear Slugs, Mealy Bugs, Mites, Red Spiders, Japanese Beetles, Leaf Tiers, Potato Beetles, Squash Beetles (Stink Bugs), Aster Beetles, Bean Beetles, Cucumber Beetles, Ants, Plant Lice, Melon Bugs.

PRICES NOT POSTPAID

1 oz. bottle 35c; 6 oz. bottle \$1.00; 16 oz. bottle \$2.00; 32 oz. bottle \$3.50; 1 gal. bottle \$11.50.

PRUNING SHEAR

Heavy 9-in. shear with volute spring, high grade polished steel blade, attractive finish. A well made article.



GAS BALLS—For Gophers or Moles

For the extermination of Ground Squirrels, Gophers, Prairie Dogs and Moles.

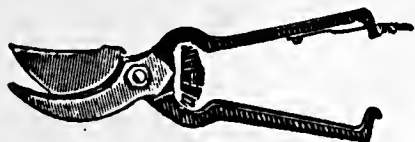
SAFE—SURE—ECONOMICAL

Will not explode. Do not deteriorate. No danger to Live Stock, Domestic Fowls or Wild Game.

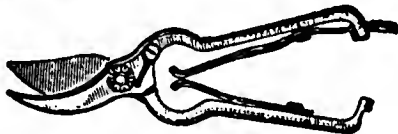
Hold the exterminator in mouth of squirrel's burrow, light the sharp edge with torch or match, after the ball is ignited and burning freely roll it as far as possible into the burrow. Cover the hole with clod of dirt, then with enough fine dirt to seal tightly so that none of the gas fumes can escape. Throw no fine dirt on the burning ball. Each 5c; doz. 40c, postpaid.

PRUNING SHEAR

Full polished Swiss Pattern shear, crucible steel blade, ratchet, regulated adjusting nut; 9 in. long. No. B-202—Price \$1.25



No. B-100—Price each \$1





PAN-A-MIN

Pan-A-Min has been known to poultry raisers for more than 30 years as Dr. Hess Poultry Pan-a-cea.

It is now a greatly improved product. Pan-A-Min is of high value to moulting hens, in egg production, in reducing chick mortality, in bone and feather growth and in maintaining health.

It does not take the place of feed and no feed can take the place of Pan-A-Min.

3 lbs., 65c; 7 lbs., \$1.25; 15 lbs., \$2.25; 25 lbs., \$3.50, postpaid. Guaranteed.

FOR WORMS IN POULTRY

Dr. Hess Poultry Ver-mi-trol is a flock treatment. No individual handling of birds is necessary. It is simply given with the feed in two 10-day courses, three weeks apart, with Dr. Hess Poultry Pan-a-min fed regularly.

It is not drastic, does not throw hens or pullets off production and does not interfere with growth and development of young birds. It is palatable, all birds eat it readily.

As a preventive measure, to avoid worm infestation, a twice-a-year flock treatment, early summer and late fall, is strongly recommended.

4-lb. package, \$1.50, postpaid.



Instant Louse Killer

Guaranteed

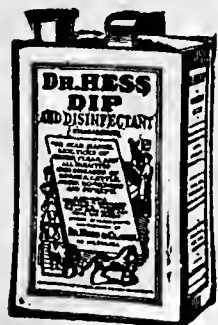
Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumber, squash and melon vines; cabbage worms; slugs on rose bushes, etc. Sold in sifting-top cans. Look for the word "Instant" before buying.

1-lb. packages, 30c; 2½-lb. packages, 60c.

Wormoids

Large round worm infestation in poultry is a common condition. Many flocks are badly affected—yet the poultryman is not aware of it. The most common symptoms are general emaciation, wasting away or going light. If your flock is not in good health, it is a mighty good plan to look for intestinal worms.

Price, 50 Capsules, \$1.00, postpaid



Dr. Hess Dip and Disinfectant

Small.....\$.60
Quarts......75
2-quarts.....1.25
1 gallon.....2.00

Postpaid

DR. HESS POULTRY TABLETS Formerly DR. HESS ROUP TABLETS

For Roup, Diphtheria, Chicken Pox and all catarrhal diseases. It has these distinctive features—it is anti-septic, slightly astringent, non-irritating and healing. 100-15 grain Tablets, 50c, postpaid. Guaranteed.

DR. HESS CHICK TABLETS Formerly DR. HESS WHITE DIARRHEA REMEDY FOR CHICKS

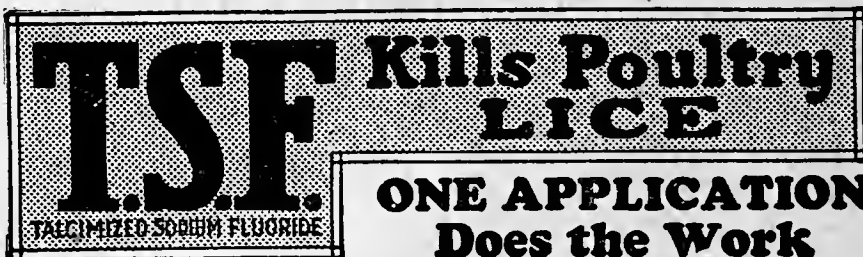
And all poultry affected with white diarrhea. Can be mixed with feed or put in drinking water. Pkg. 50c, postpaid. Guaranteed.



GETS THE EGGS WHEN EGGS ARE SCARCE. KEEPS HENS HEALTHY.

This famous tonic GETS THE EGGS no matter how cold or wet the weather. Easily given in the feed, and beneficial to all poultry. Instead of feeding loafing hens all winter, you can now get big egg yields when eggs are scarce and high priced. Starts pullets laying early. Helps hens through the moult and starts them laying regularly. It must satisfy you, or we will refund your money.

TABLET FORM	POWDERED FORM
50c Size (This is the Trial Guaranteed Size).	3 lbs.....\$5
\$1 Size (3 times 50c Size)	10 lbs.....\$10
\$5 Size (6 times \$1 Size)	25 lbs.....\$20
	50 lbs.....\$35



ONE APPLICATION Does the Work

T. S. F. kills both old and young lice, including the lice that hatch from the eggs present at time of treatment. Easily given by pinch method, dip or dusting. Specially processed. Adheres to the plumage. Non-Irritating. One application lasts an entire season. Packed in special shaker-top cans with Government's directions for using.

35c Size (enough for 50 birds): Twice the 35c Size, 60c; Five times the 60c Size (Economy Size), \$2.50.

AVICOL Stops Chicks Dying

The Wonder Remedy for WHITE DIARRHEA or Cholera in chicks, and Black-Head in Turkeys Does work in 48 hours

White Diarrhea kills half of nearly every hatch of chicks. The strange thing is that so many people think this loss can't be stopped. But it can be stopped, without extra work, without troublesome dosing, and at almost no cost. For years, thousands have saved their sick chicks and raised nearly every chick in every hatch, by keeping Avicol in the drinking water.

Avicol is a bowel antiseptic. It makes chickens healthy and keeps them healthy. Costs less than a cent a day for an ordinary flock. Guaranteed. Price 50c; Large Size (Almost 3 times as much) \$1.



Group-Over

(Formerly Called Roup-Over)

For Colds in Poultry

Use this famous remedy at the very first symptom of colds in your flock. It clears the air passages and brings relief with magic quickness. Easily used, both for individual treatment and in the drinking water for flock prevention. Leading poultry raisers everywhere now use Group-Over, the over-night remedy. It's so easy! So sure!



There's no other remedy like it—nothing "just as good." Have a bottle ready to use when you need it. Price 50c; Large Size (3 times the 50c size), \$1.00.